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United States
Department of
Agriculture

Soil
Conservation
Service

Salt Lake City
Utah



WATER SUPPLY OUTLOOK FOR UTAH

in Cooperation with Utah State Department
of Natural Resources



APRIL 1, 1985

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent of surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1,900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 510, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

<u>STATE</u>	<u>ADDRESS</u>
Alaska	Room 129, 2221 East Northern Lights Blvd., Anchorage, Alaska 99504
Arizona	Room 3008, Federal Building, 230 N. First Ave., Phoenix, Arizona 85025
Colorado (N. Mexico)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno, Nevada 89505
Oregon	1220 S. W. Third Ave., Portland, Oregon 97204
Utah	4418 Federal Bldg., 125 South State St., Salt Lake City, Utah 84147
Washington	360 U. S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82602

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Snow Surveys Branch, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 -- for British Columbia by the Ministry of the Environment, Water Investigations Branch, Parliament Buildings, Victoria, British Columbia V8V 1X5 -- for Yukon Territory by the Department of Indian and Northern Affairs, Northern Operations Branch, 200 Range Road, Whitehorse, Yukon Territory Y1A 3V1 -- and for Alberta, Saskatchewan, and N.W.T. by the Water Survey of Canada, Inland Waters Branch, 110-12 Avenue S.W., Calgary, Alberta T3C 1A6.

and
FEDERAL-STATE-PRIVATE COOPERATIVE SNOW SURVEYS

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UTAH STATE DEPARTMENT OF NATURAL RESOURCES

ROBERT L. MORGAN State Engineer Division of Water Rights	D. LARRY ANDERSON Director Division of Water Resources
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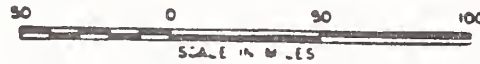
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125 So. State, Fed. Bldg.
P.O. Box 11350
Salt Lake City, Utah 84147**

PROSPECTIVE WATER SUPPLIES

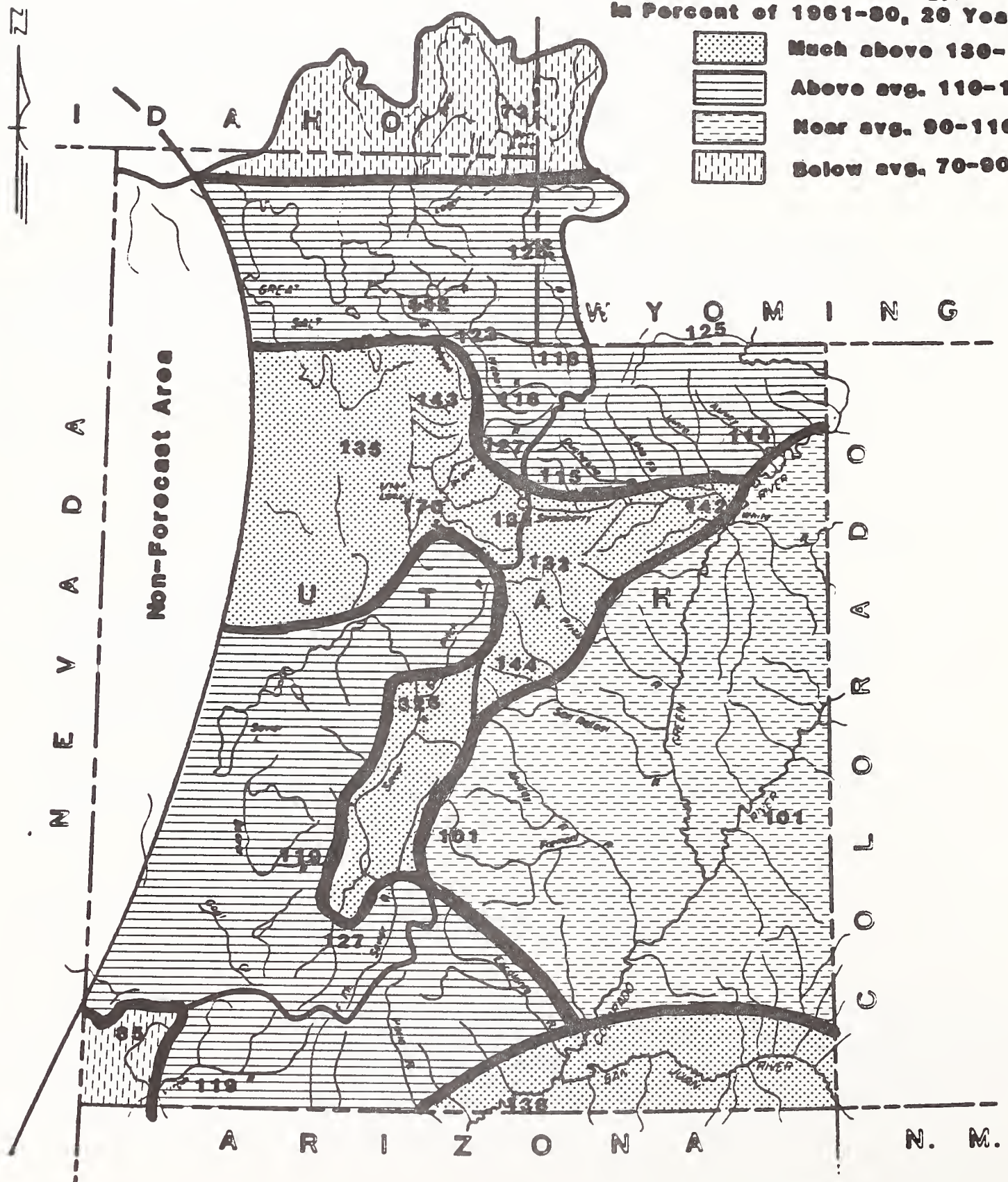
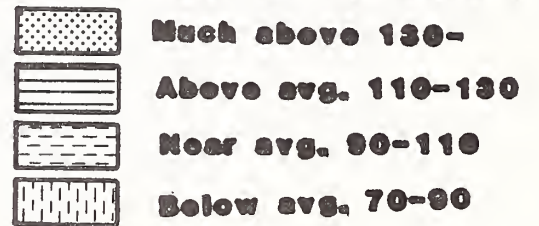
Based on Snow Surveys Made on
UTAH and BEAR RIVER WATERSHEDS

April 1, 1985

Approximate Date



FORECAST STREAM FLOW
In Percent of 1961-80, 20 Year Avg



The President's 1986 budget request to Congress calls for termination of the Snow Survey and Water Supply Forecast activity within the U. S. Soil Conservation Service for fiscal policy reasons. If the President's budget request is enacted by Congress the Snow Survey Program will be eliminated by the end of fiscal year 1986. This action would conclude over 50 years of federally coordinated snow survey effort in the Western U. S..

As of April 1, 1985

* * * * *
* Utah's 1985 Water Supply Outlook ranges from near *
* average to well above average. Snow cover varies from *
* about 50% below average on the Enterprise-New Harmony *
* drainages to about 20% above average in the Tooele *
* Valley and Vernon Creek drainages. Mountain *
* precipitation varied widely during March ranging from *
* 46% to 216% of average. Soil moisture is above average.*
* Reservoir storage is 127% of average and streamflow *
* forecasts range from almost 30% below average to 5 1/2 *
* times average. *
* * * * *

SNOW COVER

Snow measurements for the April 1 survey showed a drop as a percent of average compared to last month in some areas and an increase in other areas. Bear, Ogden and Weber River drainages lost from 1 to 13% compared to average while snowpack on the Provo River and Salt Lake Valley tributaries to the Jordan River showed increases of from 1 to 4%. Increases to the snowpack were near normal on the west end of the Uintas increasing to 30% above normal on the east end. Increases in central Utah were near normal, however the Upper Sevier, Beaver River and Virgin River snowpack increased less than normal.

Snow course percentages are as follows: Bear 89%, Ogden 103%, Weber 105%, Jordan River-Salt Lake 114%, Utah Lake 101%, Duchesne River 106%, Price River, 102%, San Rafael River 102%, Fremont River 114%, Escalante River 113%, Upper Sevier River 97%, Lower Sevier River 99%, Beaver River 97%, Virgin River 90%, and Blue Mountains 103% of the April 1 average for the 1961-1980 twenty year period.

PRECIPITATION

Precipitation at mountain stations was generally less than average during March in the northern and southern parts of the state while the central part of the state and the east end of the Uintas received above normal amounts.

SOIL MOISTURE

Watershed soils are wetter than average again this year except on the east end of the Uinta's and in the southeast corner of the state which are near average.

RESERVOIR STORAGE

Storage in 26 of Utah's key irrigation reservoirs is now 127% of the April 1, average and 71% of useable capacity.

The Great Salt Lake is now at 4209.55 feet above sea level. This is 2.20 feet higher than last year at this time and 0.30 feet above the peak of last year. The Lake is expected to peak at 4210.50 feet.

Utah Lake is now 2.92 feet above compromise and is expected to peak at 3.20 to 4.20 feet above compromise.

STREAMFLOW FORECASTS

Streamflow forecasts followed precipitation trends. Those areas with above normal precipitation in March showed increases in the forecasts while forecasts dropped in those areas with below normal precipitation. Forecasts now range from 73% of average for the Bear at Harer to 549% for the Segurd to Gunnison reach of the Sevier River.

Individual forecasts are as follows: Bear River near Utah-Wyo. line 118%, Logan River 99%, Ogden River 111%, Weber River 116% at Oakley, 127% at Gateway, Parley's Creek 143%, Provo near Hailstone 118%, Utah Lake Inflow 170%, Strawberry Inflow 135%, Duchesne at Duchesne 109%, at Tabiona 109%, at Randlett 142%, Lakefork 101%, Ashley Creek 114%, and Black's Fork 104% of the April-July average.

Price River is forecast 132% for Scofield Inflow and 164% at Heiner, Huntington Creek is forecast 143%, Cottonwood 144%, Ferron 127%, Muddy 103%, and Seven Mile and Mill Creeks 101% of average.

The Sevier River is forecast 127% at Hatch, 154% at Kingston, 326% at Gunnison, Clear Creek 122%, Salina Creek 143%, Chicken Creek 113%, and Chalk Creek 112% of the April-July average.

Beaver River is forecast 119% at Beaver and 145% for Minersville Inflow. Coal Creek is forecast 109%, Virgin near Hurricane 119% and Santa Clara 85% of average.

Water users are expected to have adequate water supplies this season with few exceptions and spring runoff peaks are expected to cause fewer problems than the last two seasons.

RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH

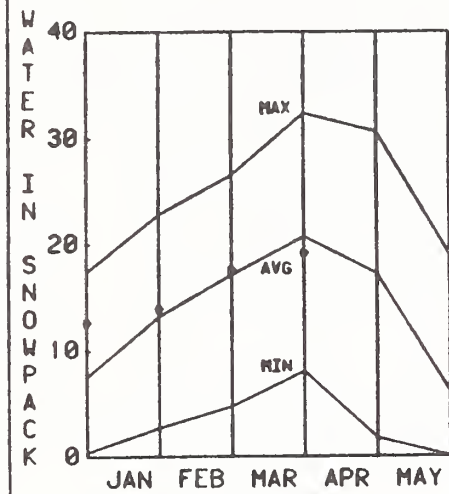
Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average†
GREAT BASIN					
<u>Bear River</u>	Bear Lake	1421.0	1045.9	1056.4	991.5
	Woodruff Narrows	57.3	56.5	49.3	--
	Woodruff Creek	4.0	3.5	3.5	--
<u>Beaver River</u>	Minersville (RkyFd)	26.0	26.0	24.0	14.3
<u>Little Bear</u>	Hyrum	15.3	10.4	10.6	12.2
	Porcupine	11.3	6.0 ^a	8.5	5.0 ^b
<u>Ogden</u>	Causey	6.9	0.6	0.8	2.6 ^b
	Pineview	110.1	61.6	20.4	55.6
<u>Provo</u>	Deer Creek	149.7	123.3	118.1	97.9
<u>Settlement Creek</u>	Settlement Creek	1.2	0.3	0.8	0.8 ^b
	Vernon Creek	0.6	0.2	0.4	0.5 ^b
<u>Sevier River</u>	Gunnison	18.2	15.5	13.8	16.3 ^b
	Otter Creek	52.5	47.5	50.2	35.8
	Piute	71.8	71.6	58.0	46.2
	Sevier Bridge	236.0	210.1	221.3	136.2
	Panguitch Lake	22.3	20.9	20.9	--
<u>Utah Lake</u>	Utah Lake	883.9	1187.1	1236.7	722.9
<u>Weber</u>	East Canyon	48.1	25.9	16.7	36.6 ^b
	Echo	73.9	46.2	34.1	49.5
	Lost Creek	20.0	10.9	5.5	13.3 ^b
	Rockport	60.9	30.8	27.3	30.9
	Willard Bay	193.3	148.6	111.4	153.6 ^b
COLORADO R. BASIN					
<u>Ashley Creek</u>	Steinaker	33.3	30.0	26.2	22.6 ^b
	Red Fleet	26.0	20.4	18.0	--
<u>Colorado</u>	Blue Mesa	829.5	345.2	245.1	--
	Lake Powell	25002.0	21399.0	21057.0	--
<u>Green</u>	Flaming Gorge	3749.0	2987.3	3054.5	--
<u>Lakefork</u>	Moon Lake	35.8	32.7 ^a	29.4	18.3
<u>Price River</u>	Scofield	65.8	50.9	44.4	33.3
<u>San Juan</u>	Navajo	1696.0	1395.2	1333.0	--
	Ken's Lake	2.3	0.9	0.7	--
<u>San Rafael</u>	Huntington North	3.9	3.0	2.8	3.8 ^b
	Joe's Valley	54.6	48.1	37.5	45.6 ^b
	Mill Site	16.7	12.0	13.9	4.6 ^b
<u>Strawberry</u>	Starvation	165.3	135.7	102.6	114.1 ^b
	Strawberry (enlarged)	951.4	446.6	--	--
<u>Uintah</u>	Bottle Hollow	11.3	11.1	11.1	10.6 ^b
	Currant Creek	15.5	7.7	5.4	--

a - Partly estimated

b - Average of past record in average period - less than 20 years

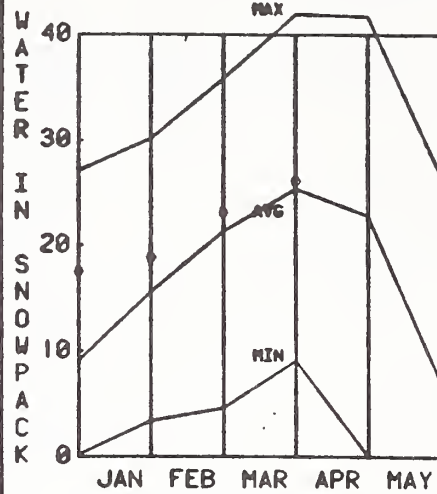
+ - 1961-80 20 year average period

BASIN SNOWPACK



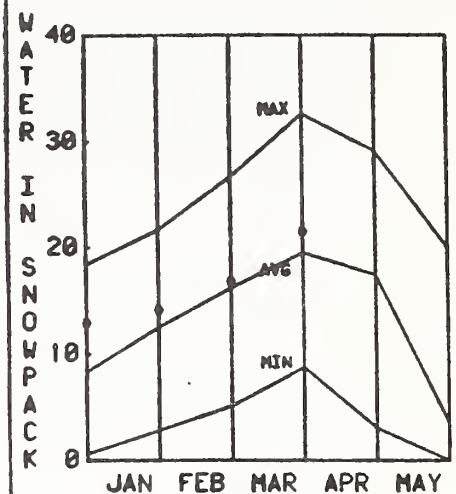
BEAR RIVER

BASIN SNOWPACK



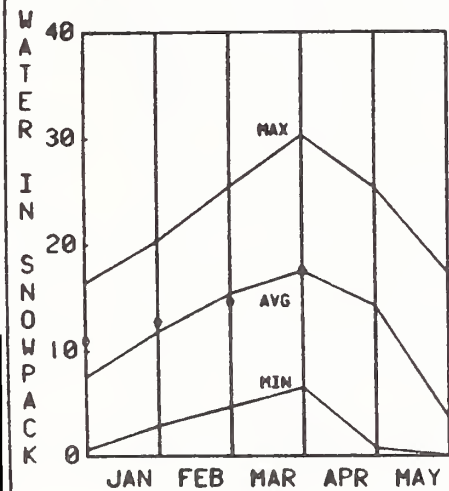
OGDEN RIVER

BASIN SNOWPACK



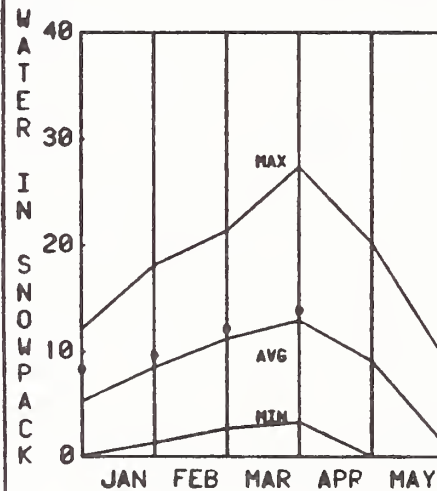
WEBER RIVER

BASIN SNOWPACK



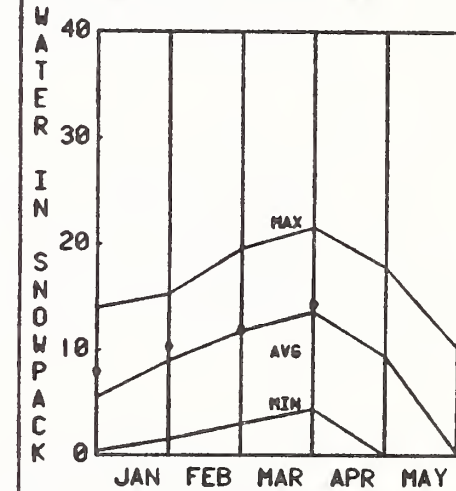
PROVO RIVER

BASIN SNOWPACK



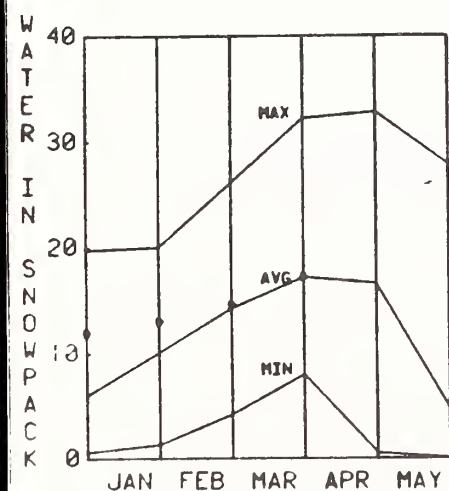
DUCHESNE RIVER

BASIN SNOWPACK



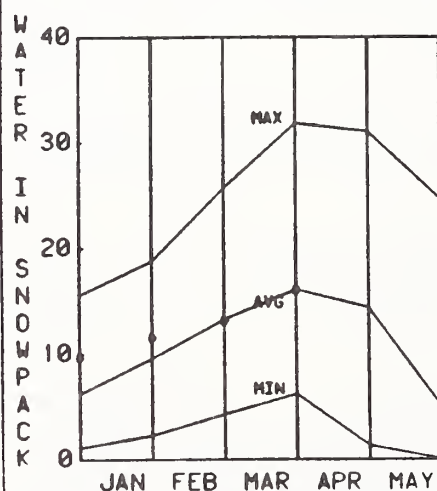
PRICE RIVER

BASIN SNOWPACK



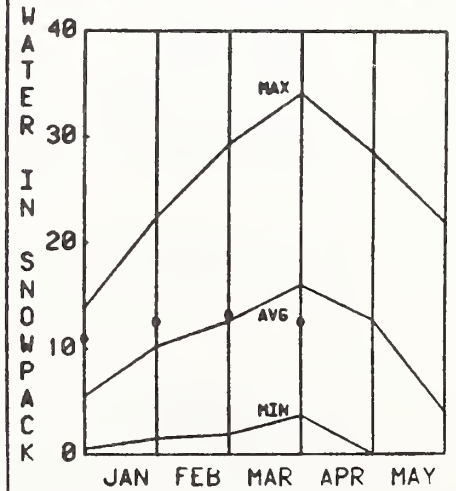
SAN RAFAEL RIVER

BASIN SNOWPACK



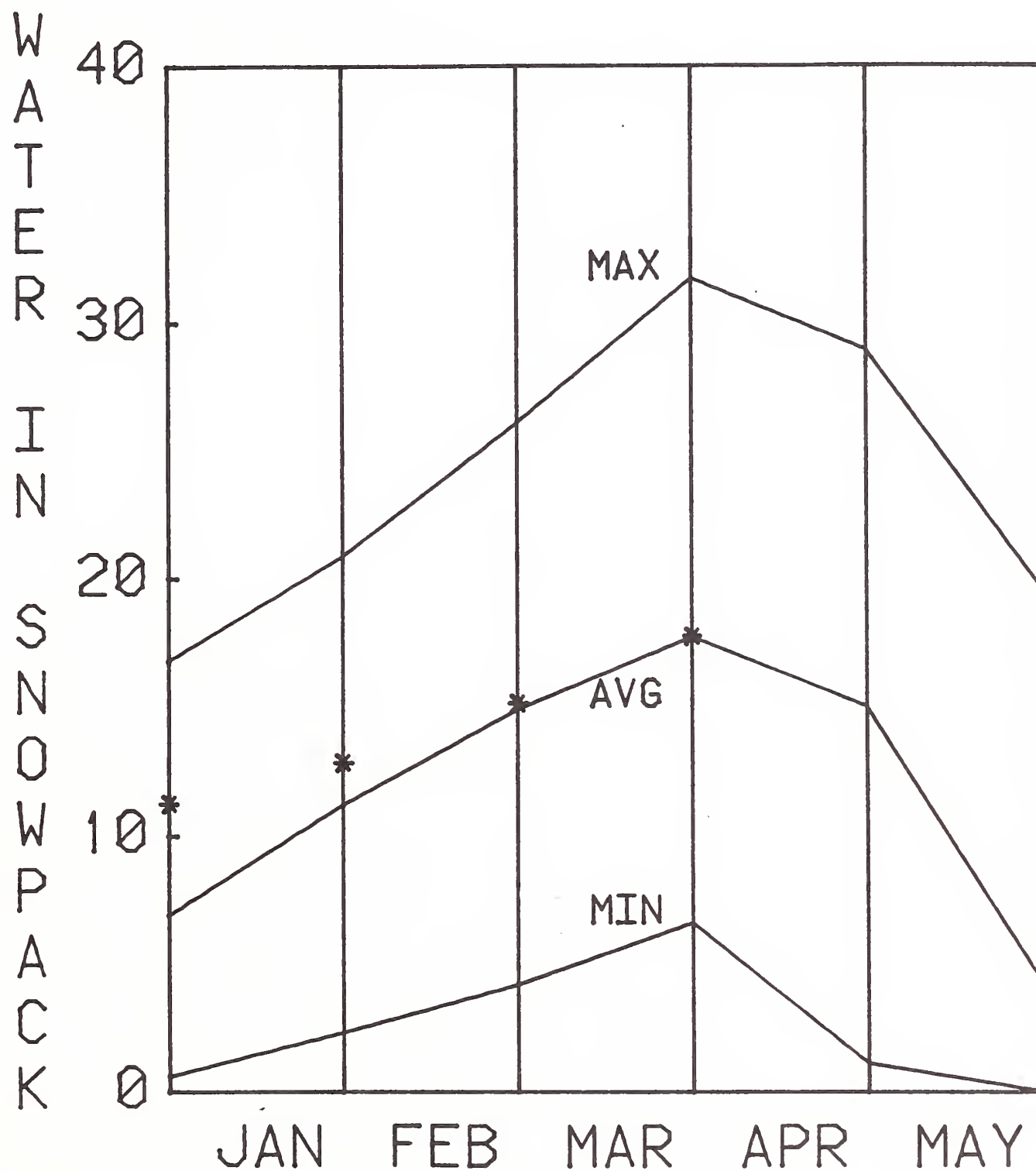
SEVIER RIVER

BASIN SNOWPACK



VIRGIN RIVER

BASIN SNOWPACK

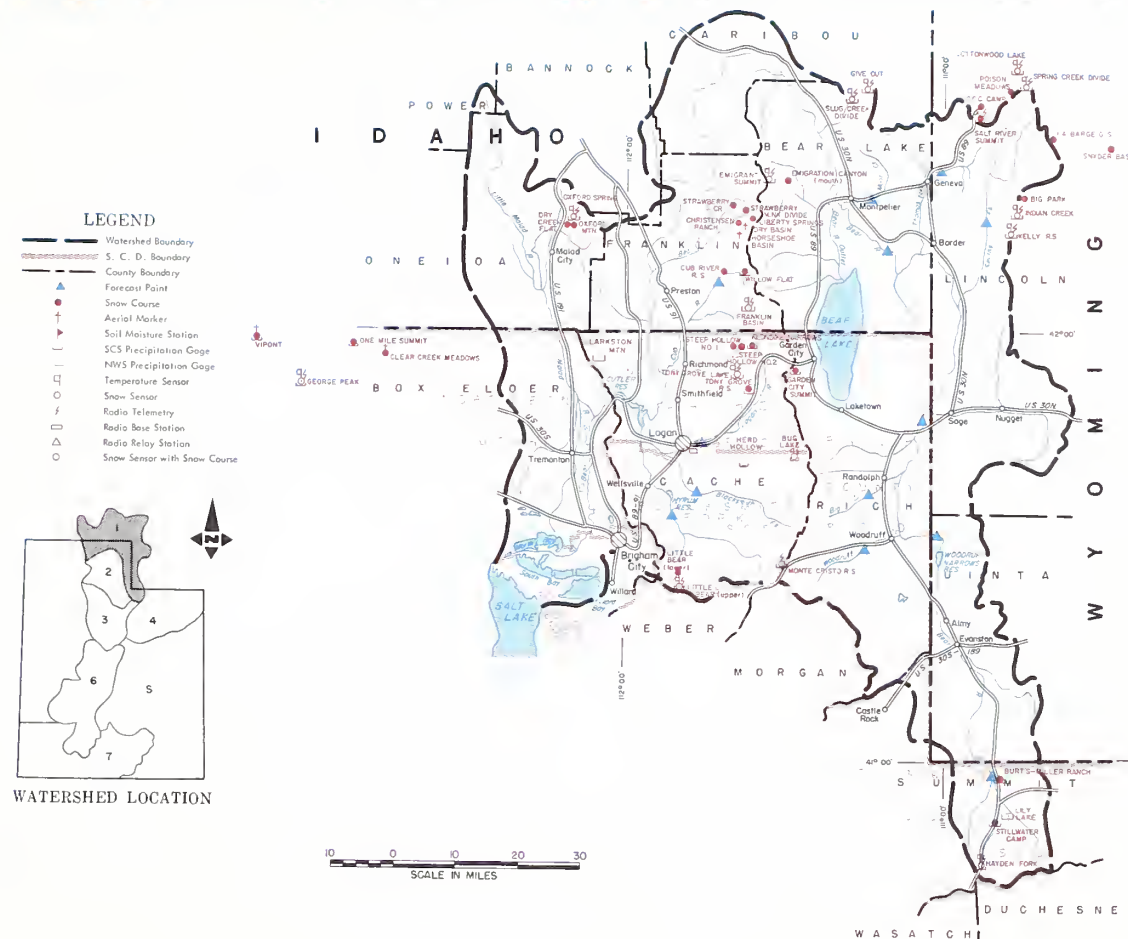


UTAH STATE WIDE

WATER SUPPLY OUTLOOK

BEAR RIVER BASIN in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVERAGE now ranges from 78% of the April 1st average on Raft River to 89% on the Bear. Logan River has dropped to 89% of average after below average March increases to the snow pack.

PRECIPITATION at mountain locations ranged from 46% of average at Klondike Narrows to 65% at Garden City Summit.

SOIL MOISTURE is above average.

RESERVOIR STORAGE is above except in Hyrum which has been held at 10,300 acre feet prior to spring runoff.

STREAMFLOW FORECASTS dropped as much as 15% and now range from 73% of the April-September average for the Bear at Harer, Idaho to 140% for Big Creek near Randolph for the April-July period. Other Bear River forecasts are as follows: Bear near Utah-Wyoming State Line 118%, near Woodruff 125%, near Randolph 124%, Woodruff Creek 103%, Thomas Fork 74%, Smith's Fork 78%, Cub River 85%, Logan River 99%, Blacksmith's Fork 116%, and Little Bear 100% of average.

Peak Flows are expected to be in the near average range and all water users are expected to have adequate water supplies. Water users on Thomas, Smith's Fork and below the Bear at Harer may experience some late season shortages if below average precipitation continues the remainder of the runoff season.

BEAR RIVER BASIN IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST			THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average
BEAR RIVER					
Bear nr UT-Wyo. State Line	130	118	Apr-July	162	110
Bear nr Woodruff 1/	174	125	Apr-July	270	139
Woodruff Crk nr Woodruff, UT	17.8	103	Apr-July		17.3
Big Creek nr Randolph, UT	7.4	140	Apr-July		5.3
Bear nr Randolph 1/	135	124	Apr-July		110
Thomas Fork nr ID-WY State Ln	26	74	Apr-Sept		35
Smith's Fork nr Border, WY	93	78	Apr-Sept		119
Bear at Harer, Idaho 1/	227	73	Apr-Sept		310
Logan nr Logan 1/	115	99	Apr-July	212	116
Blacksmith Fork nr Hyrum	59	116	Apr-July	129	51
Little Bear nr Paradise	38	100	Apr-June	97	38
Cub River nr Preston, ID	40	85	Apr-July		52

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
BEAR RIVER	33	73	89
UPPER BEAR RIVER	11	83	84
LOWER BEAR RIVER	22	70	92
LOGAN RIVER	7	75	89
RAFT RIVER	4	57	78

1 - Observed flow corrected for change in storage and diversions
 2 - Inflow record as computed by U. S. Bureau of Reclamation
 3 - Provisional flows - Subject to Correction
 a - Partly estimated
 b - Average of all past record - less than 20 years
 e - Maximum mean daily peak flow
 + - 1961-80 20 year Average Period
 * - Forecast in cooperation with National Weather Service

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average
BEAR RIVER	Bear Lake	1421.0	1045.9	1056.4	991.5
	Woodruff Narrows	55.8	56.5	49.3	--
	Woodruff Creek	3.5	3.5	3.5	--
LITTLE BEAR	Hyrum	15.3	10.3	10.6	12.2
	Porcupine	11.3		8.5	5.0 ^b

PEAK FLOWS^e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average
Bear nr. Ut.-Wyo. Stateline	1450-2195	1506
Woodruff Creek nr Woodruff	215-360	253
Big Creek nr Randolph	60-100	48 ^b
Logan River nr Logan	625-1210	980
Little Bear nr Paradise	375-700	519

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average
Burts-Miller Ranch	3/26	15	5.0	7.1	6.1
Cub River R.S.	3/25	21	7.4	15.2	7.1
Emigrant Summit	3/29	72	24.5	32.8	25.7
Franklin Basin	3/25	67	24.6	31.3	28.3
Garden City Summit	3/25	53	16.6	20.7	18.7
Hayden Fork	3/28	56	16.0	18.3	16.0 ^b
Klondike Narrows	3/25	49	19.3	24.9	20.9

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average
Little Bear Lower	3/25	36	12.1	13.6	10.2
Little Bear Upper	3/25	40	14.9	18.2	13.2
Monte Cristo	3/26	70	25.1	29.0	26.1
Salt River Summit	3/26	49	13.4	15.8	17.0
Stillwater Camp	3/26	35	9.4	13.0	11.1
Tony Grove R.S.	3/25	37	12.2	18.0	12.0

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SOIL CONSERVATION SERVICE
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WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



APRIL 1, 1985

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER is now 103% of the April 1 average on the Ogden River and 104% on the Weber. March storms brought below average increases to the snow pack on the Ogden watershed and near average on the Weber except on East Canyon and Hardscrabble which were slightly above average.

PRECIPITATION at mountain stations was generally within 20% of average over both basins.

SOIL MOISTURE is well above average.

RESERVOIR STORAGE is generally below average but more than last year except in Pineview which is 110% of average.

STREAMFLOW FORECASTS now range from 111% of the April-June average for South Fork Ogden to 168% for East Canyon Creek.

Pineview Inflow is forecast 112% of April-June average or 41% of last year's flow for the same period. The Weber River is forecast 116% at Oakley, 118% for Rockport Inflow, 119% at Coalville, 123% Echo Inflow, and 127% at Gateway. Chalk Creek is forecast 118%, Lost Creek 141%, and Hardscrabble Creek 149% of the April-June average.

Peak flows are expected to be in the near average range and all water users are expected to have adequate water.

WEBER-OGDEN WATERSHEDS IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST Thousand Acres Feet	Percent of Average \pm		THOUSAND ACRE FEET Last Year	Average \uparrow
WEBER-OGDEN RIVERS					
Weber nr Oakley	118	116	Apr-June	156	102
Rockport Reservoir Inflow 1/	131	118	Apr-June	191	111
Chalk Creek at Coalville	43	118	Apr-June	78	36
Weber nr Coalville 1/	141	119	Apr-June	202	119
Lost Creek nr Croydon, UT 1/	22	141	Apr-June	37	15.6
East Canyon Creek nr Morgan 1/	42	168	Apr-June	63	25
Hardscrabble Crk nr Porterville	27	149	Apr-June	--	18.4
S. Fork Ogden nr Huntsville 1/	63	111	Apr-June	111	57
Pineview Reservoir Inflow 1/	129	112	Apr-June	309	115
Echo Reservoir Inflow 2/	178	123	Apr-June	235	145
Weber at Gateway 1/	380	127	Apr-June	650	300
JORDAN RIVER & SALT LAKE					
Farmington Crk nr Farmington	9.0	110	Apr-July	--	8.2

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Channels Measured	THIS YEAR AS A PERCENT OF	
		Last Year	Average \uparrow
OGDEN RIVER	6	72	103
WEBER RIVER	17	81	105
1 - Observed flow corrected for change in storage and diversions 2 - Inflow record as computed by U. S. Bureau of Reclamation 3 - Provisional flows - Subject to Correction a - Partly estimated b - Average of all past record - less than 20 years e - Maximum mean daily peak flow + - 1961-80 20 year Average Period * - Forecast in cooperation with National Weather Service			

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average \uparrow
OGDEN	Causey	6.9	0.6	0.8	2.6 ^b
	Pineview	110.1	61.6	20.4	55.6
WEBER	East Canyon	48.1	25.9	16.7	36.6 ^b
	Echo	73.9	46.2	34.1	49.5
	Lost Creek	20.0	10.9	5.5	13.3 ^b
	Rockport	60.9	30.8	27.3	30.9
	Willard Bay	193.3	148.6	111.4	153.6 ^b

PEAK FLOWS ^e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range \times	Average \uparrow
South Fork Ogden nr Huntsville	610-1080	763
Chalk Creek nr Coalville	515-860	510
Weber nr Oakley	1245-2170	1540

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average \uparrow
Beaver Creek R.S.	3/28	27	7.1	12.2	7.6
Beaver Creek-Skunk Creek	3/26	36	13.3	16.6	12.4
Ben Lomond Peak	3/25	92	37.6	63.1 ^a	38.3
Ben Lomond Trail	3/25	60	23.1	30.4	17.5
Chalk Creek #1	3/28	79	25.2	27.4	22.6
Chalk Creek #2	3/28	57	17.1	18.2	15.5
Chalk Creek #3	3/28	29	7.8	10.1	7.6
Dry Bread Pond	3/26	53	19.0	24.2	19.5
Farmington Upper	3/30	98	37.0	43.4	31.8

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average \uparrow
Horse Ridge	3/26	57	21.3	27.5	22.3 ^b
Lost Creek Reservoir	3/26	12	3.0	6.5	2.4 ^a
Monte Cristo	3/26	70	25.1	29.0	26.1
Parleys Canyon Summit	3/27	66	20.7	26.5	18.8
Sagebrush Flat	3/26	6	1.4	3.2	2.0
Smith & Morehouse	3/28	48	16.7	17.6	13.3
Trial Lake	3/28	75	22.8	26.3	24.5

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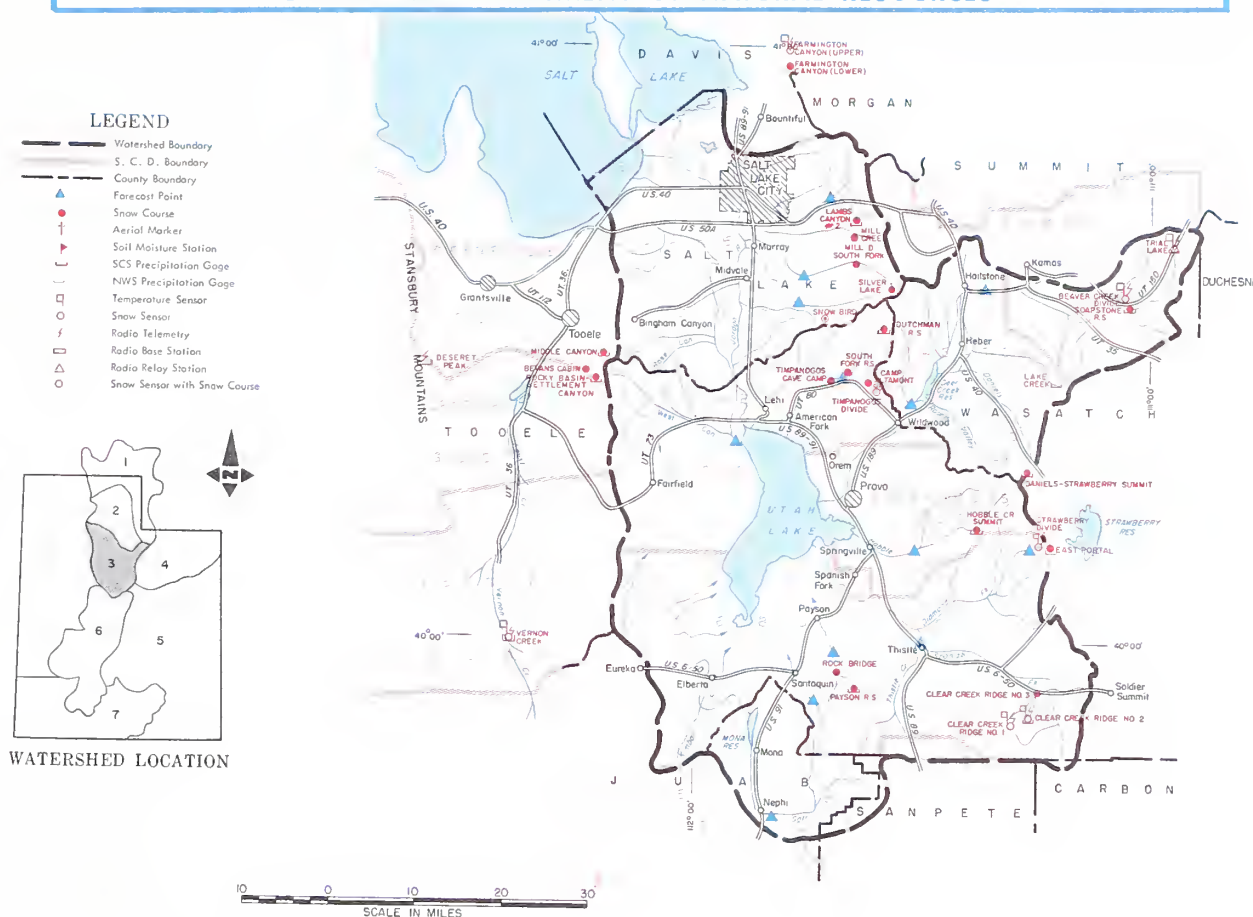


"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



APRIL 1, 1985
THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 95% of the April 1st average on the Provo River to 121% for the Tooele valley and Vernon Creek. Jordan River-Salt Lake Front Watersheds are now 111% of average. Utah Lake Watershed as a whole is 101% of the April 1st average.

PRECIPITATION at mountain stations ranged from 105% of the March average at Payson Ranger Station to 159% at Middle Canyon above Tooele.

SOIL MOISTURE is above average.

RESERVOIR STORAGE is above average except in Settlement and Vernon Creek Reservoir and those have now begun to store water. Strawberry and Soldier Creek reservoirs are now equalized into one reservoir (Strawberry Enlargement) which is now 46% of useable capacity (446,600 acre feet). Utah Lake is + 2.92 feet above compromise and Great Salt Lake is 4209.55 feet above sea level.

STREAMFLOW FORECASTS now range from 118% for the Provo near Hailstone to 170% of the April-July average for Utah Lake Inflow. Over the last month forecasts have either stayed the same or increased and are now as follows: Payson Creek 122%, Spanish Fork 148%, Hobbie Creek 162%, Provo below Deer Creek Dam 127%, and American Fork 129%. Streams along the Salt Lake Front are forecast from 120% to 143% and Tooele Valley streams range from 133% to 145% of average. Peak flows are forecast above average for all streams but the Provo near Hailstone which is forecast near average. Property owners with property near stream channels of streams with above average forecasts and those with property around Utah Lake and the Great Salt Lake should take precautions to secure their property. All water users are expected to have adequate water supplies this season.

UTAH LAKE, JORDAN RIVER AND TOOELE VALLEY WATERSHEDS IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST [*]		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average [†]		Last Year [‡]	Average [†]
PROVO RIVER AND UTAH LAKE					
Provo nr Hailstone 1/	125	118	Apr-July	176	106
Provo below Deer Creek Dam1/	152	127	Apr-July	--	118
American Fork nr American Fk	40	129	Apr-July	--	31
Hobble Creek nr Springville	28	162	Apr-July	--	18.7
Strawberry Reservoir Inflow1/	72	135	Apr-July	87	53
Spanish Fork at Thistle	59	148	Apr-July	--	40
Payson Creek nr Payson	7.6	122	Apr-July	--	6.2
Utah Lake Inflow	405	170	Apr-July	--	238
JORDAN RIVER & SALT LAKE					
Little Cottonwood Crk nr SLC	46	120	Apr-July	61	38
Big Cottonwood nr SLC	52	140	Apr-July	59	37
Parley's Creek nr SLC	21	143	Apr-July	38	14.8
Mill Creek nr SLC	8.4	142	Apr-July	14.5	5.8
Emigration Creek nr SLC	5.2	141	Apr-July	11.7	3.7
City Creek nr SLC	9.4	120	Apr-July	18.0	7.7
TOOELE VALLEY					
Settlement Crk nr Tooele	3.1	135	Apr-July	--	2.3
S. Willow Crk nr Grantsville	4.0	133	Apr-July	6.6	3.0
Vernon Creek nr Vernon	1.2	145	Apr-June	3.1	0.8

SUMMARY of SNOW MEASUREMENTS

RIVER BASIN and w/ SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average †
UTAH LAKE	9	76	101
PROVO RIVER	4	82	95
JORDAN RIVER & SALT LAKE	6	89	114
TOOELE VALLEY & VERNON CREEK	4	66	121

1 - Observed flow corrected for change in storage and diversions
3 - Provisional flows - subject to correction
a - Partly estimated
b - Average of past record - less than 20 years
+ - 1961-80 20 year average period
e - Maximum mean daily peak flow
* - Forecast in cooperation with National Weather Service

RESERVOIR STORAGE (Thousand Acre Foot)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
SPANISH FORK	Strawberry (enlg)	951.4	446.6	--	--
UTAH LAKE	Utah Lake	883.9	1187.1	1236.7	722.9
	Settlement Creek	1.2	0.3	0.8	0.8 ^b
	Vernon Creek	0.6	0.2	0.4	0.5 ^b
PROVO	Deer Creek	149.7	123.3	118.1	97.9

PEAK FLOWS ^e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range *	Average †
Big Cottonwood nr Salt Lake City	430-630	442
Little Cottonwood nr Salt Lake City	450-600	384
Provo Near Hailstone	1500-2100	2128
Spanish Fork nr Thistle	600-1200	451 ^b
American Fork nr American Fork	330-600	329
Mill Creek nr Salt Lake City	65-100	59
Parley's Creek nr Salt Lake City	180-280	153
City Creek nr Salt Lake City	75-135	75
Emigration	45-70	--

SNOW

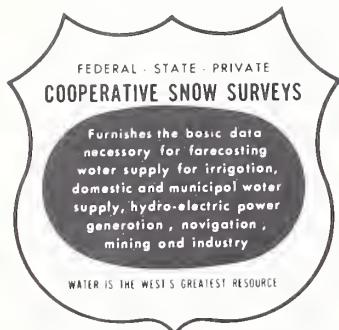
DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
NAME					
Bevans Cabin	3/30	47	14.2	23.4	11.3
Clear Creek #1	3/29	70	20.9	25.2	19.1
Clear Creek #2	3/29	57	15.6	19.5	14.2
Clear Creek #3	3/29	23	6.4	10.4	5.8
Daniels-Strawberry Summit	3/25	45	15.3	17.7	14.9
Deseret Peak	3/30	77	26.2	40.9	21.7 ^a
Hobble Creek Summit	3/30	44	15.3	21.6	14.3
Lambs Canyon #2	3/27	58	18.5	23.5	16.2 ^a
Middle Canyon	3/30	56	18.8	27.0	14.4
Mill Creek	3/28	68	22.4	26.0	20.9 ^a

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
NAME					
Mill D South Fork	3/28	57	21.6	24.6	19.8
Parley's Canyon Summit	3/27	66	20.7	26.5	18.8
Payson R.S.	3/25	49	18.9	29.1	19.1
Rocky Basin-Settlement	3/30	89	31.4	45.4	27.5 ^b
Silver Lake Brighton	3/28	82	29.0	28.2	25.8
Soapstone R.S.	3/28	38	10.4	14.6	12.1
Timpanogos Divide	4/1	--	25.2 ^a	10.4	3.9
Trial Lake	3/28	75	22.8	26.3	24.5
Vernon Creek	4/1	--	15.2 ^a	21.6 ^a	10.2 ^a

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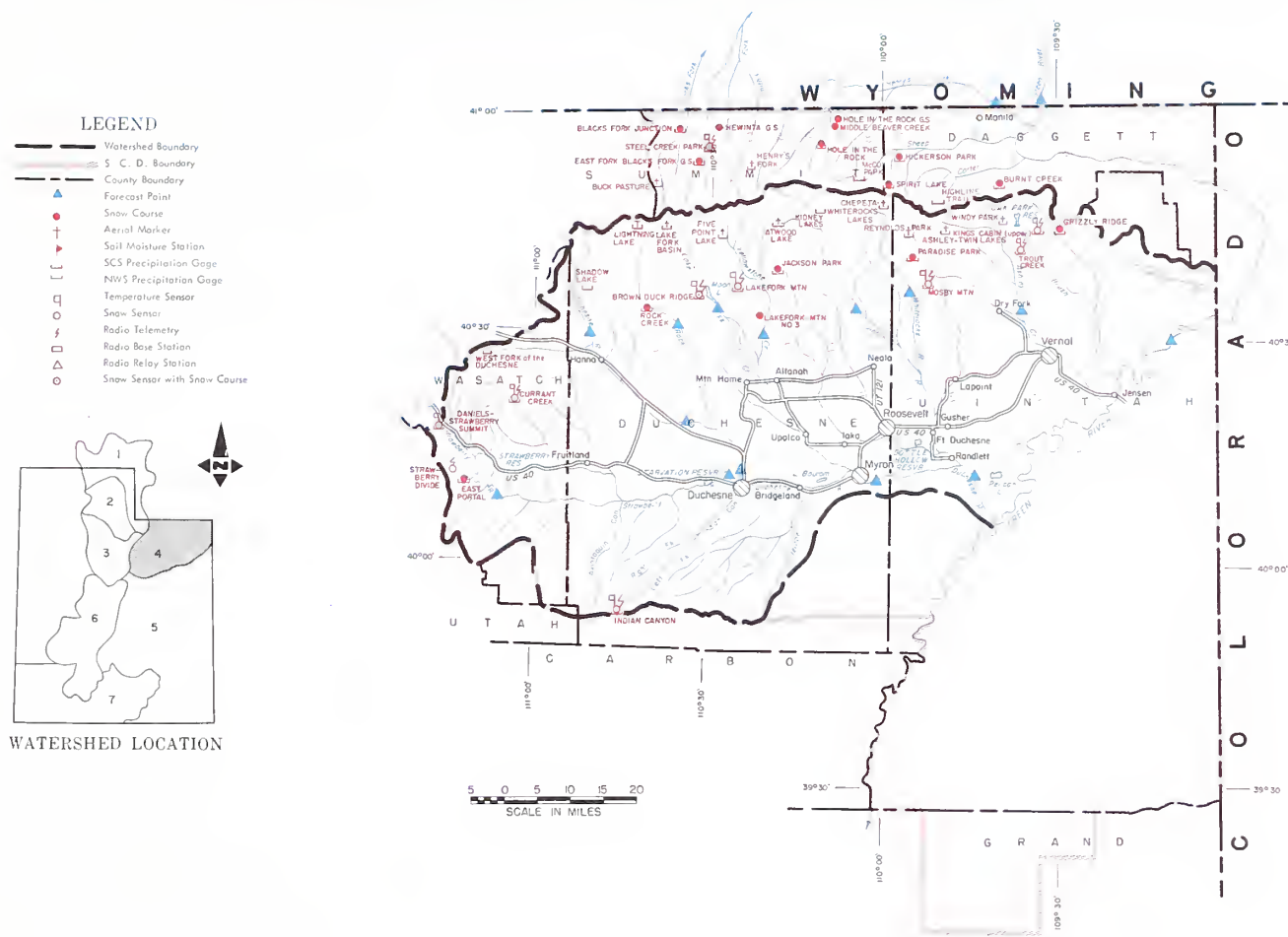
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"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



APRIL 1, 1985

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER ranges from 89% of average on Black's Fork to 113% on Uinta-Whiterocks Rivers. Lakefork-Yellowstone drainages are 105%, Sheep Creek and Strawberry River 109% and Ashley Creek 100% of the April 1st average.

PRECIPITATION at mountain stations ranged from 64% of the March average at Black's Fork Guard Station to 203% at Paradise Park. Most areas received above average increases except on the Black's Fork.

SOIL MOISTURE is above average.

RESERVOIR STORAGE is above average.

STREAMFLOW FORECASTS range from 101% of the April-July average on Lakefork to 142% for the Duchesne at Randlett. The Duchesne River is forecast 111% for the West Fork, 109% at Tabiona and Duchesne, and 141% at Myton. Currant Creek is forecast 115%, Strawberry 121% at Duchesne, Rock Creek 110%, Lakefork 101%, Yellowstone 107%, Whiterocks 120%, and Uinta 119%. Ashley Creek is forecast 114%, Henry's Fork 125%,

Black's Fork 104%, and Flaming Gorge Inflow 88%.

All water users are expected to have an adequate water supply and peak flows are expected to be in the near average range this season.

UINTAH BASIN AND DAGGETT SCD's IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST X		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average \pm		Last Year <u>3</u>	Average \pm
DUCHESNE RIVER					
Duchesne nr Tabiona <u>1/</u>	114	109	Apr-July	139	105
Duchesne at Duchesne <u>1/</u>	206	109	Apr-July	--	189
Strawberry at Duchesne	70	121	Apr-July	--	58
Rock Creek nr Mtn. Home	102	110	Apr-July	116	93
Currant Creek nr Fruitland	23	115	Apr-July	53	20
Lakefork below Moon Lake <u>1/</u>	71	101	Apr-July	81	70
Yellowstone nr Altonah	70	107	Apr-July	68	65
Duchesne at Myton <u>1/</u>	290	141	Apr-July	347	205
Whiterocks nr Whiterock	70	120	Apr-July	59	58
Uinta nr Neola	102	119	Apr-July	--	86
Duchesne at Randlett <u>1/</u>	365	142	Apr-July	--	257
West Fork Duchesne at Hanna	29	111	Apr-July	--	26
FLAMING GORGE TO DUCHESNE RIVER					
Henry's Fork nr Manila	60	125	Apr-Sept	94	48
Black's Fork nr Millburne	94	104	Apr-July	123	90
Flaming Gorge Inflow <u>1/</u>	1100	88	Apr-July	--	1248
Ashley Creek nr Vernal	58	114	Apr-July	62	51

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average
DUCHESNE RIVER - TOTAL	15	97	106
LAKEFORK-YELLOWSTONE CREEKS	4	96	105
STRAWBERRY RIVER	5	94	109
UINTAH - WHITEROCKS RIVERS	3	102	113
ASHLEY CREEK	3	82	100
BLACK'S FORK	3	67	89
SHEEP CREEK	3	74	109

1 - Observed flow corrected for change in storage and diversions
 2 - Inflow record as computed by U. S. Bureau of Reclamation
 3 - Provisional flows - Subject to Correction
 a - Partly estimated
 b - Average of all past record - less than 20 years
 e - Maximum mean daily peak flow
 + - 1961-80 20 year Average Period
 * - Forecast in cooperation with National Weather Service

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average
ASHLEY CREEK	Red Fleet	26.0	20.4	18.0	--
	Steinaker	33.3	30.0	26.0	22.6 ^b
GREEN RIVER	Flaming Gorge	3749.0	2987.3	3054.5	--
	Moon Lake	35.8	32.7 ^e	29.4	18.3
STRAWBERRY	Currant Creek	15.5	7.7	5.2	--
	Starvation	165.3	135.7	102.6	114.1 ^b
	Strawberry (enlg)	951.4	446.6	60.0	--
UINTAH	Bottle Hollow	11.3	11.1	11.1	10.6 ^b

PEAK FLOWS^e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average
Strawberry at Duchesne	500-900	675
Ashley Creek nr Vernal	725-1200	966
Rock Creek nr. Mtn. Home	1225-1695	1415

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average
Brown Duck Ridge	3/28	78	20.4	22.4	20.0
Burnt Creek	3/28	26	6.0	6.0	4.6 ^a
Currant Creek	3/28	38	11.0	11.1	9.2
Daniels-Strawberry	3/25	45	15.3	17.7	14.9
Grizzly Ridge	3/28	43.1	10.7	12.0	10.0 ^a
Hewinta G. S.	3/26	32	8.3	13.1	9.5 ^b
Hickerson Park	3/28	30	7.4	11.9	6.6 ^b
Hole-in-the-Rock	4/1	21	5.9	5.6	2.4 ^b
Jackson Park	3/28	60	14.6	13.9	12.8 ^b
Kings Cabin Upper	3/28	42	9.2	13.7	10.7
Middle Beaver	4/1	19	4.8	4.5	5.3 ^b

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average
Lakefork Mountain #1	3/28	51	10.9	11.8	11.5
Mosby Mountain	3/28	44	10.6	11.4	9.9
Paradise Park	3/28	57	15.3	14.4	13.3
Rock Creek Ranch	3/28	34	10.3	7.6	6.4
Spirit Lake	3/28	54	13.0	17.8	12.7 ^b
Steel Creek Park	3/26	53	14.7	20.8	16.1 ^b
Strawberry Divide	3/25	58	20.4	25.1	19.5
Trout Creek	3/28	48	11.3	12.4	10.6 ^a

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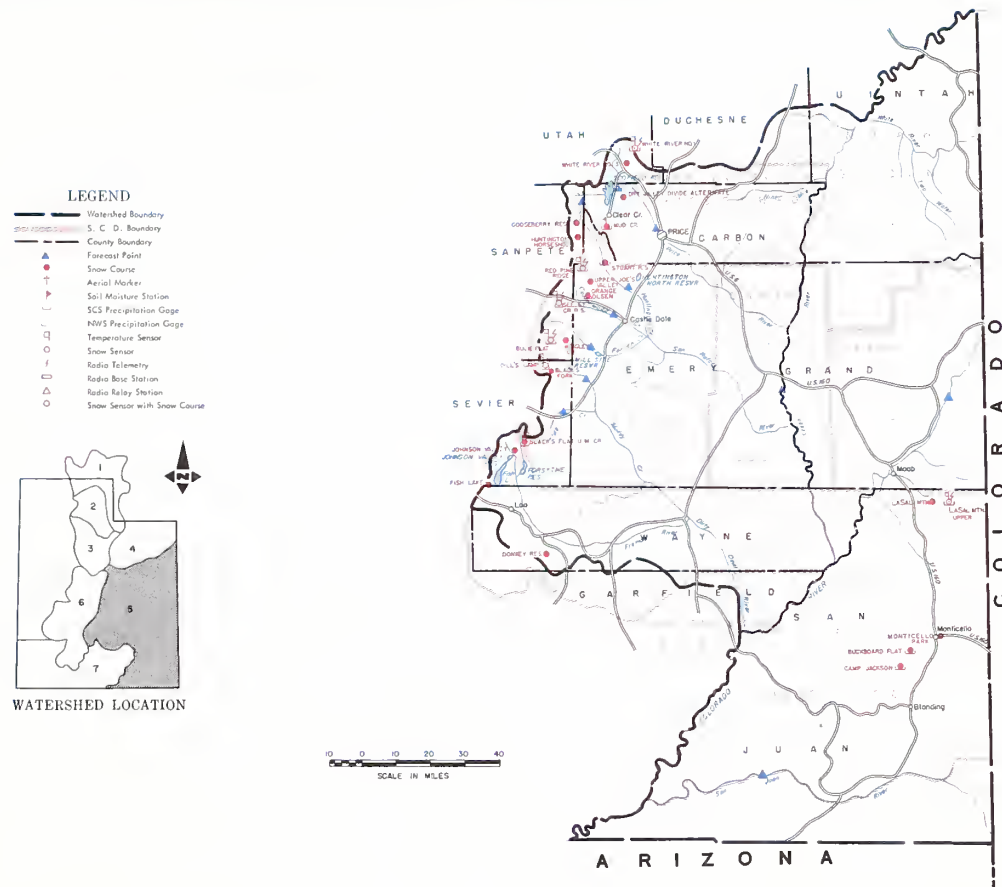
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"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK

CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



APRIL 1, 1985

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE TO ABOVE AVERAGE

SNOW COVER dropped during the month of March on the Blue Mountains by 2% and on the Muddy River drainage by 6% whereas the Price, San Rafael, Fremont and LaSal Mountains snow courses increased from 1% on the San Rafael River to 16% on the Fremont River. Snow cover on the Blue Mountains is 103%, Muddy River 80%, Price River 102%, San Rafael 102%, Fremont River 114%, and LaSal Mountains 71% of the April 1 average.

PRECIPITATION at mountain stations varied from 109% of the March average at LaSal Mountain (Upper) to 216% at Stuart Ranger Station.

SOIL MOISTURE is above average.

RESERVOIR STORAGE is well above average.

STREAMFLOW FORECASTS generally increased during March and now range from 101% of the April-July average for Mill Creek near Moab to 165% for Navajo Reservoir Inflow on the San Juan River. Individual forecasts are as follows: Gooseberry Creek 131%, Scofield Inflow 132%, Price near Heiner 164%, Huntington Creek 143%, Cottonwood Creek 144%, Ferron Creek 127%, Muddy Creek 103%, and Seven Mile Creek 101%. The Colorado is forecast 151% near Cisco, Green River 103% near Green River and San Juan 156% near Bluff. Peak flows are forecast above average again this year and property close to streams should be protected. All water users are expected to have adequate water supplies this season.

CARBON, EMERY, WAYNE, GRAND AND SAN JUAN COUNTIES IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST *		PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average †		Last Year ‡	Average †
PRICE RIVER					
Gooseberry Crk nr Scofield	14	131	Apr-July	--	10.7
Scofield Reservoir Inflow	50	132	Apr-July	--	38
Price nr Heiner 1/	104	164	Apr-July	--	63
SAN RAFAEL RIVER					
Huntington Crk nr Huntington	70	143	Apr-July	--	49
Cottonwood Crk nr Orangeville	68	144	Apr-July	171	47
Ferron Creek nr Ferron	47	127	Apr-July	80	37
MUDDY CREEK					
Muddy Creek nr Emery	19	103	Apr-July	46	18.5
UPPER COLORADO BASIN					
Colorado nr Cisco, UT	4600	151	Apr-July	--	3046
Green at Green River, UT	3100	103	Apr-July	--	3016
Mill Creek nr Moab	5.6	101	Apr-July	18.7	5.5
Navajo Reservoir Inflow	1200	165	Apr-July	--	684
San Juan nr Bluff, UT	1550	156	Apr-July	--	995
FREMONT RIVER					
Seven Mile Crk nr Fish Lake	6.6	101	Apr-July	15.9	6.5 ^b

RESERVOIR STORAGE (Thousand Acre Foot)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
PRICE RIVER	Scofield	65.8	50.9	44.4	33.3
SAN RAFAEL	Huntington North	3.9	3.0	2.8	3.8 ^b
	Joe's Valley	54.6	48.1	37.5	45.6 ^b
	Mill Site	16.7	12.0	13.9	4.6 ^b
SAN JUAN	Navajo	1696.0	1395.2	1333.0	--
	Kens Lake	2.3	0.9	0.7	--

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Buck Flat	3/29	59	17.3	28.3	16.9
Buckboard Flat	3/27	57	15.0	11.8	13.1
Camp Jackson	3/27	50	11.7	9.8	12.8
Dills Camp	3/30	43	9.8	17.6	12.5
Dry Valley Divide Alternate	3/29	42	12.1	15.2	10.8 ^a
Huntington-Horseshoe	3/30	78	27.2	41.3	24.4
Indian Canyon	3/29	51	14.1	11.4	13.2
LaSal Mtn. Upper	3/27	50	12.9	20.3	16.6
Mammoth-Cottonwood R.S.	3/30	68	21.3	32.6	21.8

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Gauging Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average †
PRICE RIVER	4	75	102
SAN RAFAEL RIVER	8	60	102
FREMONT RIVER	4	62	114
LASAL MOUNTAINS	2	56	71
BLUE MOUNTAINS	2	124	103
MUDDY RIVER	2	56	80

1 - Observed flow corrected for change in storage and diversions
2 - Inflow record as computed by U. S. Bureau of Reclamation
3 - Provisional flows - Subject to Correction
a - Partly estimated
b - Average of all past record - less than 20 years
e - Maximum mean daily peak flow
+ - 1961-80 20 year Average Period
* - Forecast in cooperation with National Weather Service

PEAK FLOWS ^e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range *	Average †
Ferron Creek near Ferron	540-685	444
Muddy Creek near Emery	235-300	168
Huntington Cr. near Huntington	700-900	516 ^b

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Monticello City Park	3/27	9	2.0	0.0	0.0 ^a
Mud Creek	3/29	57	14.6	18.0	13.5
Red Pine Ridge	3/29	57	16.6	27.2	17.5
Seeley Creek	3/29	63	18.0	37.6	17.2
Stuart R.S.	3/29	27	8.0	13.1	7.8
Upper Joe's Valley	3/29	38	9.7	17.1	10.5
White River #1	3/29	49	14.3	18.1	13.7
White River #3	3/29	17	5.1	10.4	7.2
Wrigley Creek	3/29	41	10.8	14.7	11.5

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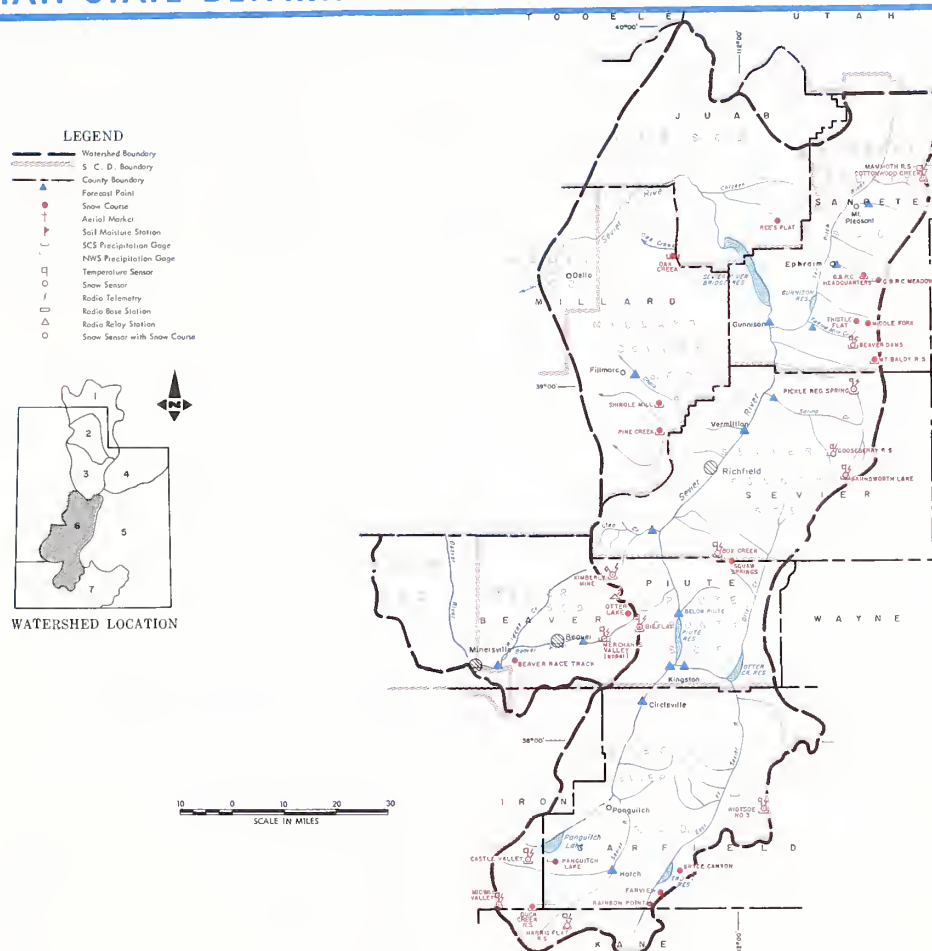
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WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE TO WELL ABOVE AVERAGE

SNOW COVER dropped another 1 to 8% of average during March to slightly below the April 1 average. The Sevier River ranges from 95% for the East Fork to 99% for the Lower Sevier. The Beaver River is at 97% of the April 1 average.

PRECIPITATION at mountain stations varied widely ranging from 63% of the March average at Shingle Mill to 179% at Beaver Dams.

SOIL MOISTURE is above average.

RESERVOIR STORAGE is above average.

STREAMFLOW FORECAST during March increased by as much as 22% on the Sevier due to heavy late month snowfall. Forecasts for the streams on the west side of the basin remained at the same levels as last month. Forecasts now range from 112% of the April-July average for Chalk Creek near Fillmore to 549% for the Sigurd to Gunnison reach of the Sevier.

Other forecasts are as follows: Sevier at Hatch 127%, Circleville 168%, Kingston 154%, East Fork 127%, Clear Creek 122%, Salina Creek 143%, Sevier near Gunnison 326%, Ephraim Creek 128%, and Pleasant Creek 128%. Oak Creek near Oak City is forecast 119%, Chicken Creek 113%, and Salt Creek 115% of average. Beaver River is forecast 119%, North Creeks 121%, and Minersville Inflow 145% of average. Peak flows are expected to be in the near average range and all water users are expected to have adequate water supplies this season assuming near average conditions for the runoff season.

SEVIER RIVER BASIN INCLUDING BEAVER RIVER IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST * Thousand Acres Feet	Percent of Average †		THOUSAND ACRE FEET Last Year ‡	Average †
SEVIER RIVER					
Sevier at Hatch	61	127	Apr-July	46	48
Sevier nr Circleville	53	168	Apr-July	--	38
Sevier nr Kingston	44	154	Apr-July	--	28
Antimony Crk nr Antimony	13.0	126	Apr-July	--	10.3
East Fork Sevier nr Kingston	24	127	Apr-July	--	18.9
Sevier below Piute Dam	70	155	Apr-July	--	45
Clear Crk nr Sevier (abv Div)	23	122	Apr-July	--	18.8
Sigurd to Gunnison	145	549	Apr-July	--	26
Kingston to Vermillion Dam	65	145	Apr-June	--	45
Vermillion Dam to Gunnison	153	432	Apr-June	--	25
Salina Creek at Salina	17.0	143	Apr-June	--	11.9
Sevier nr Gunnison	175	326	Apr-July	--	54
Chalk Creek nr Fillmore	18.4	112	Apr-July	--	16.4
Chicken Creek nr Levan	4.0	113	Apr-July	--	3.5
Oak Cr. nr Oak City	1.9	119	Apr-July	3.5	1.6
Ephraim Creek nr Ephraim	19.0	128	Apr-July	--	14.9
Pleasant Crk nr Mt. Pleasant	11.0	128	Apr-July	--	8.6
Salt Creek nr. Nephi	15.5	115	Apr-July	--	13.5
Beaver nr Beaver	27.3	119	Apr-July	52	23
North Creek (Combined)	17.7	121	Apr-July	--	14.6
Minersville Inflow	12.9	145	Apr-June	--	8.9

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
SEVIER RIVER	Gunnison	18.2	15.5	13.8	16.3 ^b
	Otter Creek	52.5	47.5	50.2	35.8
	Piute	71.8	71.6	58.0	46.2
	Sevier Bridge	236.0	210.1	221.3	136.2
	Panguitch Lake	22.3	20.9	20.9	--
BEAVER RIVER	Minersville (Rky Fd)	26.0	24.5	24.0	14.3

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches) Last Year	Average †
Big Flat	3/25	57	17.9	27.1	18.3
Bryce Canyon	3/27	13	3.9	1.0	4.0
Castle Valley	3/26	45	13.8	14.7	12.9
Duck Creek	3/26	46	13.6	6.5	14.3
Farnsworth Lake	3/30	89	20.6	33.8	19.7
Gooseberry R.S.	3/30	57	12.5	21.1	12.4
Harris Flat	3/26	23	9.2	1.7	8.7
Kimberly Mine	3/25	46	15.5	24.4	16.7

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average †
UPPER SEVIER RIVER	11	108	97
East Fork Sevier	4	93	95
South Fork Sevier	7	115	97
LOWER SEVIER	14	57	99
BEAVER RIVER	3	66	97

1 - Observed flow corrected for change in storage and diversions
 2 - Inflow record as computed by U. S. Bureau of Reclamation
 3 - Provisional flows - Subject to Correction
 a - Partly estimated
 b - Average of all past record - less than 20 years
 e - Maximum mean daily peak flow
 + - 1961-80 20 year Average Period
 * - Forecast in cooperation with National Weather Service

PEAK FLOWS ^e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range *	Average †
Beaver River nr Beaver	150-415	257
Sevier River at Hatch	400-600	484
Sevier River nr Kingston	250-400	312
Clear Creek nr Sevier	300-550	226
Salina Creek nr Salina	--	285

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches) Last Year	Average †
Long Valley Junction	3/26	0	0.0	0.0	4.2
Merchants Valley Upper	3/26	40	11.6	18.2	11.7 ^b
Midway Valley	3/26	74	24.6	17.8	23.3
Oak Creek	3/25	34	10.0	19.5	12.4 ^a
Otter Lake	3/25	44	13.3	19.3	14.2
Pickle Keg Springs	3/30	63	16.2	28.9	17.2 ^b
Pine Creek	3/25	41	15.1	32.7	16.0 ^b
Widtsloe-Escalante #3	3/26	49	13.4	8.7	11.8

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WATER SUPPLY OUTLOOK

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES



THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER as a percent of average dropped during March in all areas except the Escalante River. The Escalante is now at 113%, Coal Creek 93%, Virgin River 90%, Parowan Creek 94%, and Enterprise-New Harmony 52% of the April 1 average.

PRECIPITATION at mountain stations ranged from 60% at Little Grassy to 112% at Tall Poles.

SOIL MOISTURE is above average on most of the higher elevations.

RESERVOIR STORAGE in Gunlock Reservoir is at capacity (7,400 acre-feet). Quail Creek has had no diversions from the Virgin River and has no useable storage. Enterprise reservoirs are reported approximatedly half full and are not expected to fill this year.

STREAMFLOW FORECASTS increased slightly during March with the exception of the Santa Clara River which decreased slightly and now range from 85% of the April-June average for the Santa Clara to 138% of the April-July average for Lake Powell Inflow. The Virgin is forecast 119% and Coal Creek 109%. Peak flows are forecast near average for the Virgin near Hurricane and above average for Coal Creek near Cedar City. Water users are expected to have adequate water supplies with the exception of those relying on late season streamflow and users of water from the Enterprise Reservoirs.

EAST GARFIELD, KANE, WASHINGTON AND IRON COUNTIES IN UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		FORECAST PERIOD	PAST RECORD	
	FORECAST X			THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average +		Last Year 3	Average †
VIRGIN RIVER					
Virgin nr Hurricane	74	119	Apr-June	37	62
Santa Clara nr Pine Valley	4.5	85	Apr-June	--	5.3
COAL CREEK					
Coal Creek nr Cedar City	20	109	Apr-July	20	18.4
UPPER COLORADO					
Lake Powell Inflow	10300	138	Apr-July	--	7462

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF	
		Last Year	Average †
COAL CREEK	4	141	93
VIRGIN RIVER	5	163	90
PAROWAN CREEK	4	77	94
ENTERPRISE - NEW HARMONY	2	200	52
ESCALANTE RIVER	2	138	113
1 - Observed flow corrected for change in storage and diversions 2 - Inflow record as computed by U. S. Bureau of Reclamation 3 - Provisional flows - Subject to Correction a - Partly estimated b - Average of all past record - less than 20 years e - Maximum mean daily peak flow + - 1961-80 20 year Average Period * - Forecast in cooperation with National Weather Service			

RESERVOIR STORAGE (Thousand Acre Foot)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE		
			This Year	Last Year	Average †
COLORADO	Lake Powell	25002.0	21399.0	21052.0	--
	Blue Mesa	829.5	345.2	245.1	--
VIRGIN	Gunlock	7.4	7.4	--	--
	Quail Creek	26.0	0.0	--	--

PEAK FLOWS^e

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range *	Average †
Coal Creek nr Cedar City	250-400	220
Virgin nr Hurricane	600-950	1092

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Birch Crossing	3/26	20	6.5	10.9	6.3 ^b
Brian Head	3/26	63	19.8	22.1	21.6 ^b
Harris Flat	3/26	23	9.2	1.7	8.7
Kolob-Crystal	3/26	62	21.2	12.9	25.1
Little Grassy	3/26	0	0.0	0.0	2.8
Long Flat	3/26	16	5.0	2.5	6.8
Midway Valley	3/26	74	24.6	17.8	23.2

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
				Last Year	Average †
Long Valley Junction	3/26	0	0.0	0.0	4.2
SUSC Ranch	3/26	17	5.5	3.8	8.2 ^b
Tall Poles	3/26	45	13.0	18.3	15.3 ^b
Webster Flat	3/26	49	16.6	11.5	18.7
Yankee Reservoir	3/26	32	10.6	13.1	10.0

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SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-80

BEAR RIVER, UPPER (above Harer, Idaho)						
BIG PARK	8620	3/28/85	58	16.2	21.7	21.3
BURT'S-MILLER RANCH	7900	3/26/85	15	5.0	7.1	6.1
CCC CAMP	7000	3/26/85	43	11.4	14.0	13.2
HAYDEN FORK	9400	3/28/85	56	16.0	18.3	16.0
KELLEY RANGER STA.	8180	3/28/85	58	15.0	20.2	18.8
MONTE CRISTO R.S.	8960	3/26/85	70	25.1	29.0	26.1
POISON MEADOWS	8500	3/26/85	78	22.7	26.0	30.5
SALT RIVER SUMMIT	7700	3/26/85	49	13.4	15.8	17.0
SNIDER BASIN R.S.	8060	3/26/85	50	13.5	13.5	17.5
STILLWATER CAMP	8550	3/26/85	35	9.4	13.0	11.1
TRIAL LAKE	9960	3/28/85	75	22.8	26.3	24.5
BEAR RIVER, LOWER (below Harer, Idaho)						
CHRISTENSEN RANCH	5560	4/01/85	---	11.0E	14.6	7.8
CUB RIVER R.S.	5450	3/25/85	21	7.4	15.2	7.1
DRY BASIN	7820	3/25/85	71	23.8	40.6	30.7
DRY CREEK FLAT	6360	3/26/85	26	8.7	14.9	5.2
EMIGRANT SUMMIT	7390	3/29/85	72	24.5	32.8	25.7
EMIGRATION CANYON	6500	3/29/85	40	12.5	14.1	11.0
FRANKLIN BASIN	8020	3/25/85	67	24.6	31.3	28.3
GARDEN CITY SUMMIT	7600	3/25/85	53	16.6	20.7	18.7
HORSESHOE BASIN	8000	4/01/85	---	21.1E	35.2	28.7
KLONDIKE NARROWS	7400	3/26/85	49	19.3	24.9	20.9
LIBERTY SPRING	8600	3/25/85	89	31.0	50.6	40.3
LITTLE BEAR (LOWER)	6000	3/25/85	36	12.1	13.6	10.2
LITTLE BEAR (UPPER)	6550	3/25/85	40	14.9	18.2	13.2
OXFORD MOUNTAIN	6800	3/26/85	28	7.1	16.4	9.5
SLUG CREEK DIVIDE	7230	3/27/85	55	15.4	18.3	18.0
STEEP HOLLOW #1	8500	3/25/85	91	33.4	43.0	38.0
STEEP HOLLOW #2	7700	3/25/85	65	24.5	31.5	27.3
STRAWBERRY CREEK	5820	3/29/85	41	14.0	19.0	10.3
STRAWBERRY-MINK DIV.	6720	3/25/85	57	21.0	30.5	22.5
TONY GROVE LAKE	8400	3/25/85	84	31.9	47.9	37.2
TONY GROVE R.S.	6250	3/25/85	37	12.2	18.0	12.0
WILLOW FLAT	6100	3/25/85	40	14.9	25.1	15.4
RAFT RIVER						
CLEAR CREEK MEADOWS	9420	3/26/85	64	18.5	27.4	22.1
GEORGE PEAK	9000	3/26/85	67	19.2	36.0	28.3
ONE MILE SUMMIT	7330	3/26/85	24	5.2	12.0	7.6
VIPONT	7670	3/26/85	50	14.5	26.0	15.8
OGDEN RIVER						
BEAVER CREEK-SKUNK	7150	3/26/85	36	13.3	16.6	12.4
BEN LOMOND PEAK	8000	3/25/85	92	37.6	63.1	38.3
BEN LOMOND TRAIL	6000	3/25/85	60	23.1	30.4	17.5
DRY BREAD POND	8350	3/26/85	53	19.0	24.2	19.5
MONTE CRISTO R.S.	8960	3/26/85	70	25.1	29.0	26.1
SAGEBRUSH FLAT	6300	3/26/85	6	1.4	3.2	2.0

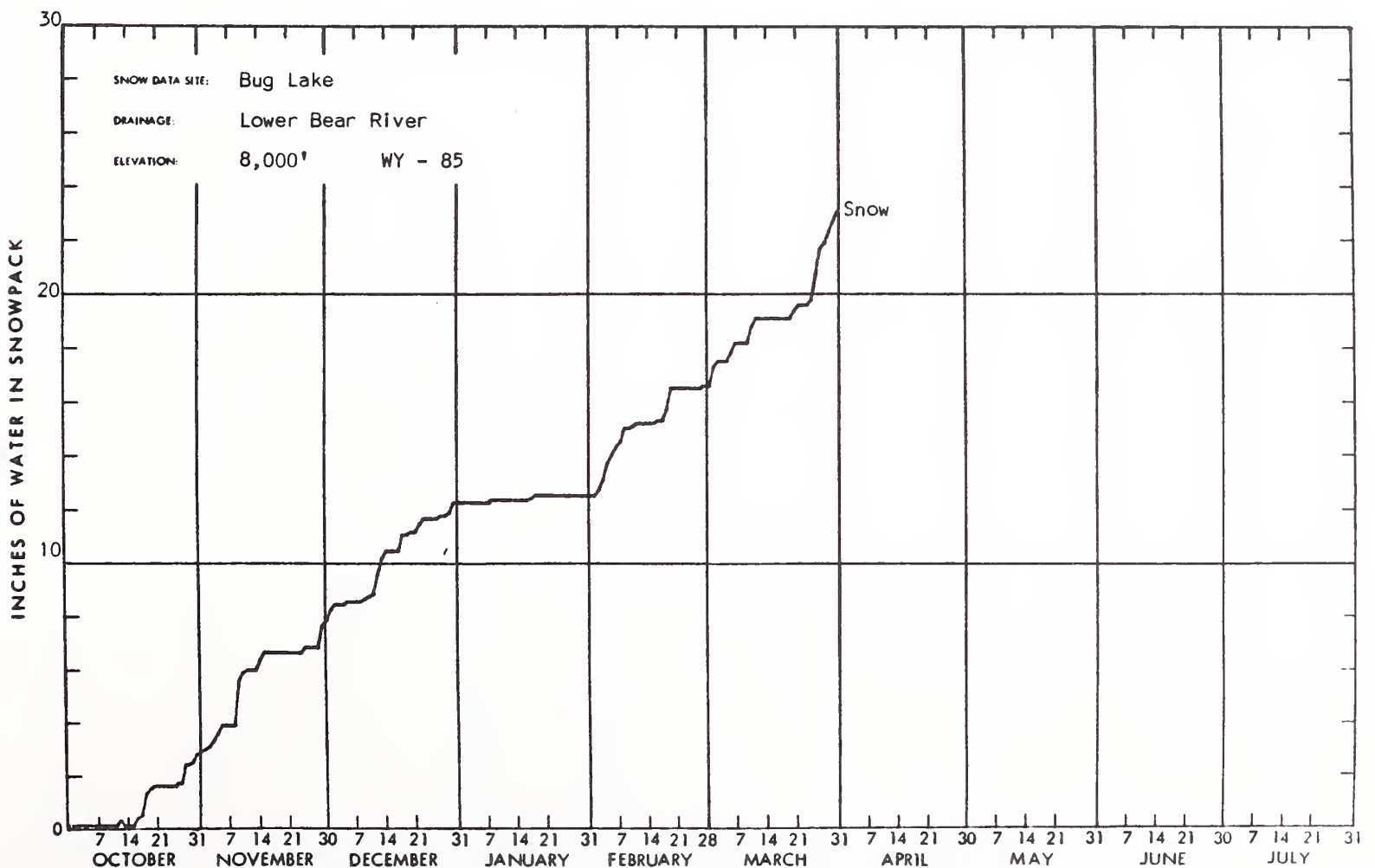
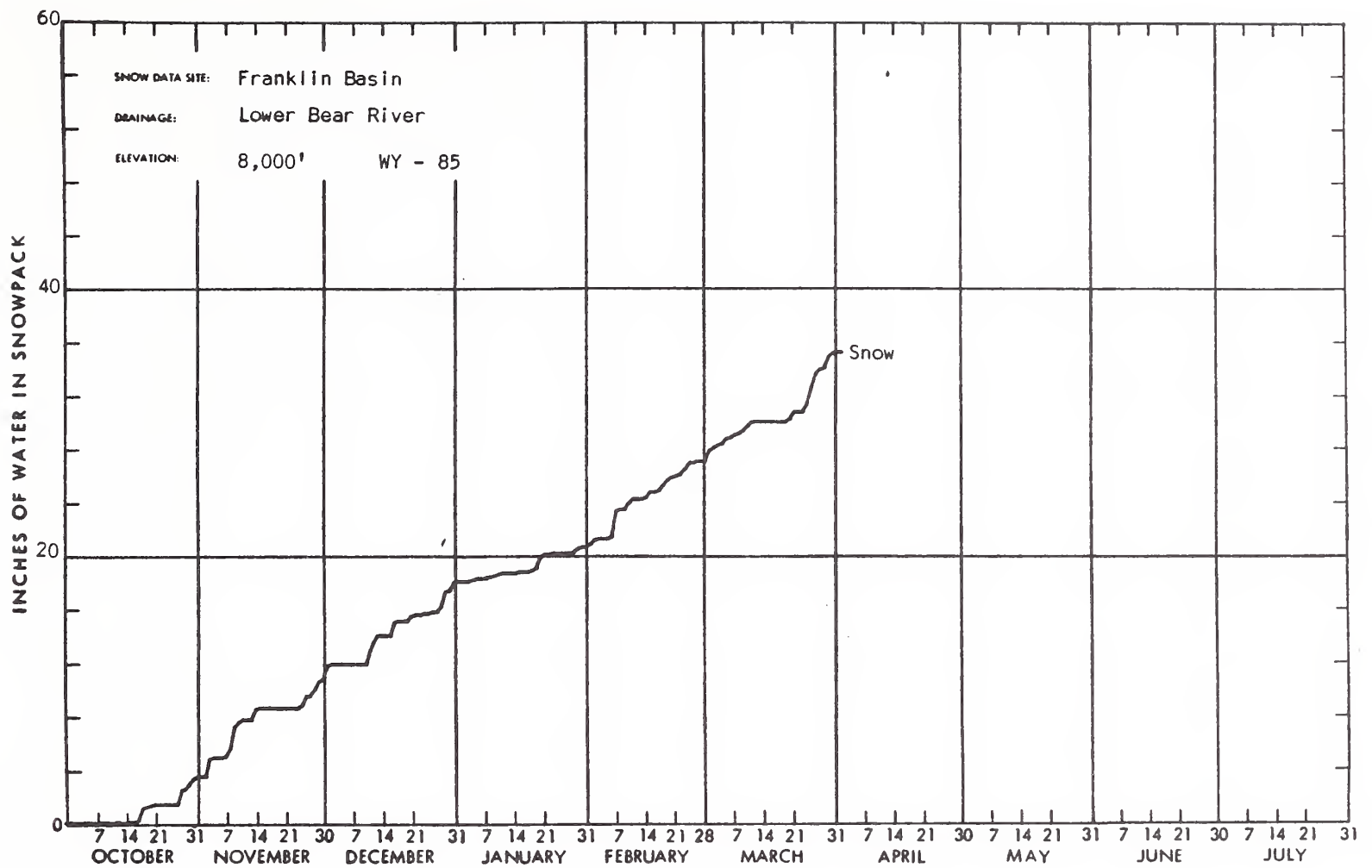
SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-80
WEBER RIVER						
BEAVER CREEK R.S.	7500	3/28/85	27	7.1	12.2	7.6
CHALK CREEK #1	9100	3/28/85	79	25.2	27.4	22.6
CHALK CREEK #2	8200	3/28/85	57	17.1	18.2	15.5
CHALK CREEK #3	7500	3/28/85	29	7.8	10.1	7.6
EAST SHINGLE LAKE	9800	4/01/85	87	26.1	35.3	28.9
FARMINGTON CANYON L.	6950	3/30/85	78	28.0	35.6	24.2
FARMINGTON CANYON	8000	3/30/85	98	37.0	43.4	31.8
HORSE RIDGE	8260	3/26/85	57	21.3	27.5	22.3
KILFOIL CREEK	7300	3/26/85	49	14.6	17.8	14.4
LOST CREEK RESERVOIR	6130	3/26/85	12	3.0	6.5	2.4
PARK CITY SUMMIT	9300	4/01/85	96	35.6	36.2	33.4
PARLEY'S CANYON SUM.	7500	3/27/85	66	20.7	26.5	18.8
PINE CANYON	8000	3/26/85	58	19.2	24.2	16.0
REDDEN MINE LOWER	8500	3/28/85	64	21.8	23.5	18.4
SERGEANT LAKES	8300	4/01/85	39	12.5	26.6	18.8
SMITH & MOREHOUSE	7600	3/28/85	48	16.7	17.6	13.3
TRIAL LAKE	9960	3/28/85	75	22.8	26.3	24.5
PROVO RIVER & UTAH LAKE						
BEAVER CREEK DIVIDE	8280	3/28/85	38	11.4	14.8	11.8
CLEAR CREEK RIDGE #1	9200	3/29/85	70	20.9	25.2	19.1
CLEAR CREEK RIDGE #2	8000	3/29/85	57	15.6	19.5	14.2
CLEAR CREEK RIDGE #3	6600	3/29/85	23	6.4	10.4	5.8
DANIELS-STRAWBERRY	8000	3/25/85	45	15.3	17.7	14.9
HOBBLE CREEK SUMMIT	7420	3/30/85	44	15.3	21.6	14.3
PAYSON R.S.	8050	3/25/85	49	18.9	29.1	19.1
SOAPSTONE R.S.	7800	3/28/85	38	10.4	14.6	12.1
TRIAL LAKE	9960	3/28/85	75	22.8	26.3	24.5
JORDAN RIVER & GREAT SALT LAKE						
LAMBS CANYON	7400	3/27/85	58	18.5	23.5	16.2
MILL CREEK	6950	3/28/85	68	22.4	26.0	20.9
MILL D SOUTH FORK	7400	3/28/85	57	21.6	24.6	19.8
PARLEY'S CANYON SUM.	7500	3/27/85	66	20.7	26.5	18.8
SILVER LAKE(BRIGHT.)	8730	3/28/85	82	29.0	28.2	25.8
SNOWBIRD GAD VALLEY	9700	4/02/85	110	44.0	47.0	35.3
TOOELE VALLEY WATERSHEDS AND VERNON CREEK						
BEVAN'S CABIN	6450	3/30/85	47	14.2	23.4	11.3
DESERET PEAK	9250	3/30/85	77	26.2	40.9	21.7
MIDDLE CANYON	7000	3/30/85	56	18.8	27.0	14.4
ROCKY BASIN-SETTLEMT	8900	3/30/85	89	31.4	45.4	27.5
UPPER GREEN RIVER in UTAH (above Duchesne River)						
ASHLEY TWIN LAKES	10500	4/01/85	62	16.7	16.2	17.7
BLACK'S FORK GS-EF	9340	3/26/85	32	8.1	15.1	9.5
BLACK'S FORK JUNCTN	8930	3/26/85	32	8.6	11.0	9.6
BUCK PASTURE	9700	4/01/85	72	18.0	19.5	15.4
BURNT CREEK	7900	3/28/85	26	6.0	6.0	5.0
GRIZZLY RIDGE	8500	3/28/85	43	10.8	12.0	10.0
HENRY'S FORK	10000	4/01/85	61	17.1	16.1	13.5
HEWINTA G.S.	9500	3/26/85	32	8.3	13.1	9.5
HICKERSON PARK	9100	3/28/85	30	7.4	11.9	6.6
HOLE-IN-THE-ROCK	9150	4/01/85	27	6.8	6.7	5.9
HOLE-IN-THE-ROCK GS	8300	4/01/85	21	5.9	5.6	2.4
KING'S CABIN (UPPER)	8730	3/28/85	42	9.2	13.7	10.7
MIDDLE BEAVER CREEK	8650	4/01/85	19	4.8	4.5	5.3
REYNOLDS PARK	10400	4/01/85	75	20.2	18.6	16.9
SPIRIT LAKE	10300	3/28/85	54	13.0	17.8	12.7
STEEL CREEK PARK	10100	3/26/85	53	14.7	20.8	16.1
TROUT CREEK	9400	3/28/85	48	11.3	12.4	10.6

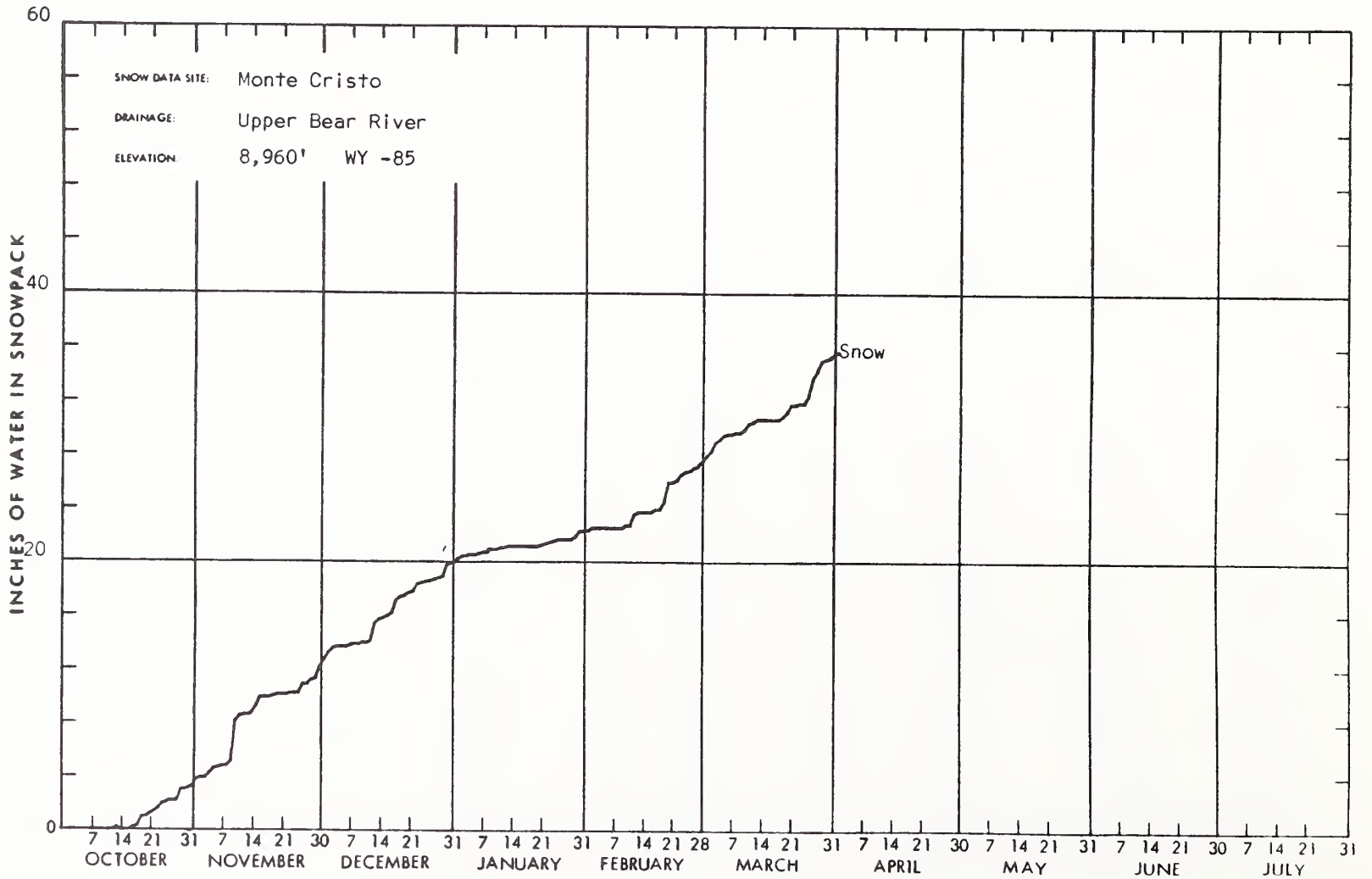
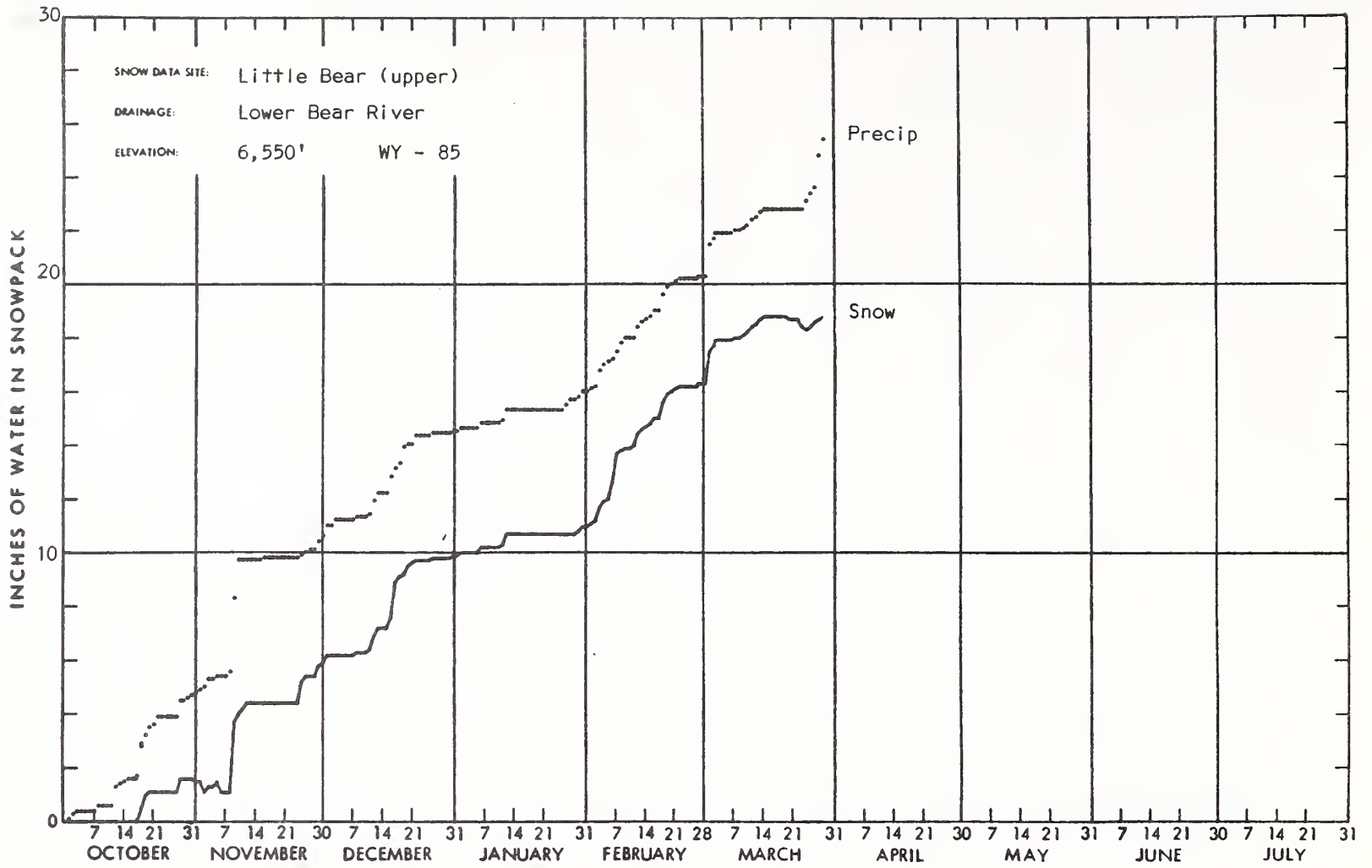
SNOW COURSE	ELEVATION	DATE	SNOW, DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-80

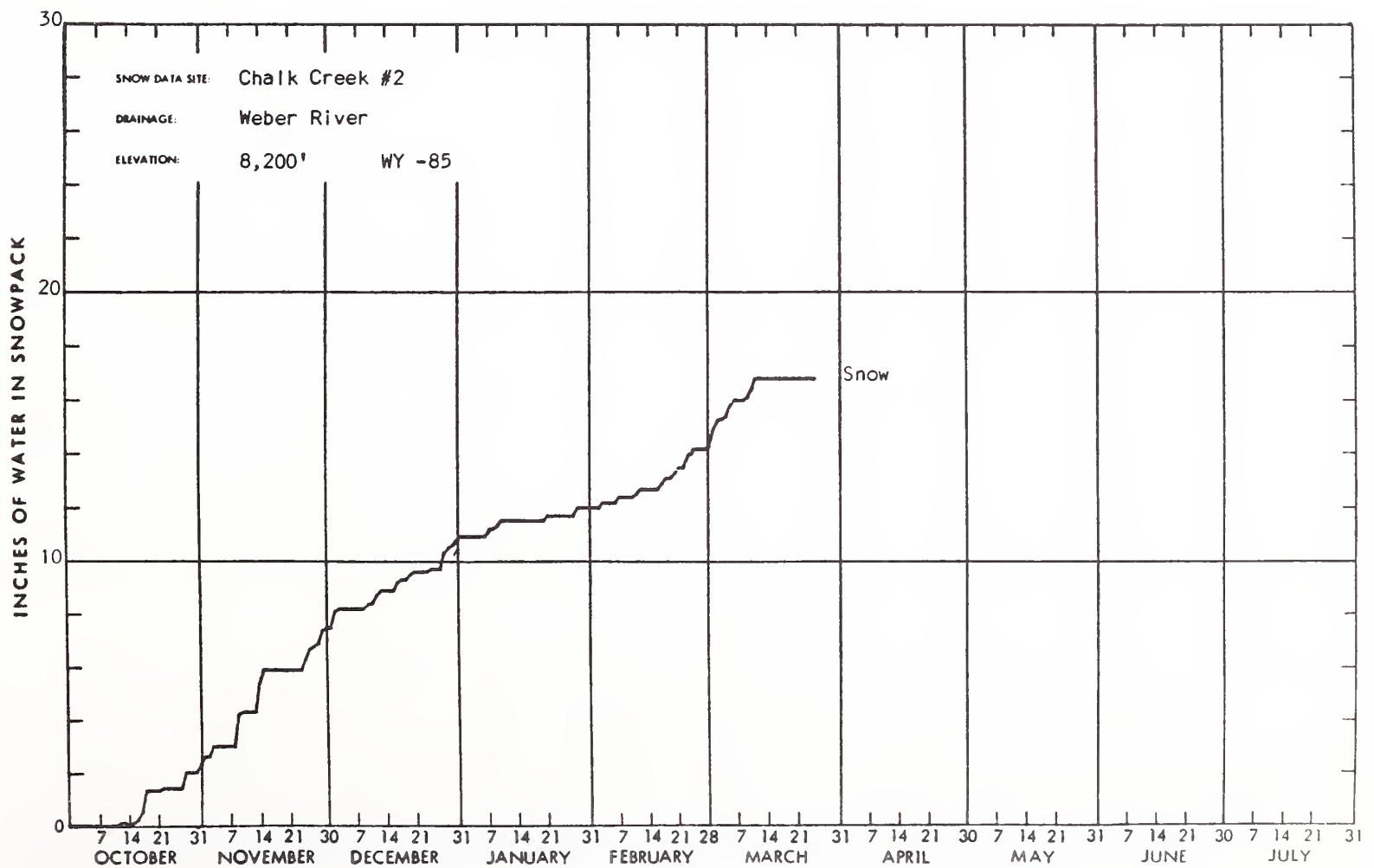
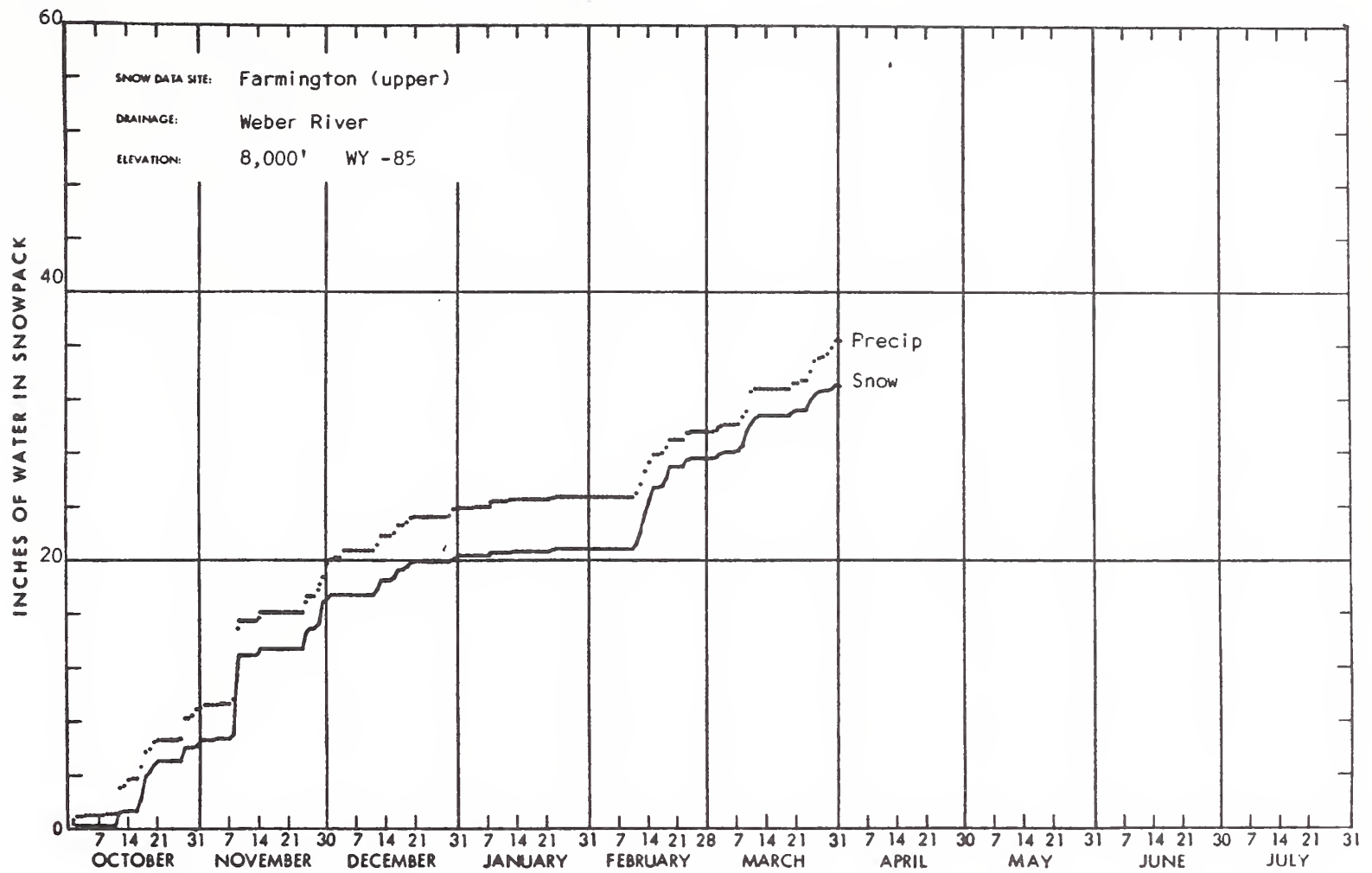
LOWER SEVIER RIVER (including San Fitch River)						
BEAVER DAMS	8000	3/29/85	42	10.1	22.0	11.8
FARNSWORTH LAKE	9600	3/30/85	89	20.6	33.8	19.7
G.B.R.C. HEADQUARTER	8700	3/29/85	76	21.3	30.1	17.5
G.B.R.C. MEADOWS	10000	3/29/85	90	24.3	37.9	23.7
GOOSEBERRY R.S.	8000	3/30/85	57	12.5	21.1	12.4
MAMMOTH-COTTONWOOD	8800	3/30/85	68	21.3	32.6	21.8
MIDDLE FORK	9600	3/30/85	92	24.8	46.7	24.5
MT. BALDY R.S.	9500	3/29/85	82	23.4	39.4	23.7
OAK CREEK	7760	3/25/85	34	10.0	19.5	12.4
PICKLE KEG SPRING	9600	3/30/85	63	16.2	28.9	16.7
PINE CREEK	8800	3/25/85	41	15.1	32.7	16.0
REES'S FLAT	7300	3/25/85	38	12.8	21.0	13.0
SHINGLE MILL	6200	3/25/85	24	7.6	19.4	8.9
THISTLE FLAT	8500	3/30/85	66	17.5	28.4	17.0
BEAVER RIVER						
BIG FLAT	10290	3/25/85	57	17.9	27.1	18.3
MERCHANT VALLEY (UP)	8750	3/26/85	40	11.6	12.2	11.7
OTTER LAKE	9600	3/25/85	44	13.3	19.3	14.2
PAROWAN						
BIRCH CROSSING	8100	3/26/85	20	6.5	10.9	6.3
BRIAN HEAD	10000	3/26/85	63	19.8	22.1	21.6
TALL POLES	8800	3/26/85	45	13.0	18.3	15.3
YANKEE RESERVOIR	8700	3/26/85	32	10.6	13.1	10.0
ESCALANTE RIVER						
DONKEY RESERVOIR	9800	3/26/85	34	8.8	7.4	7.8
WIDTSOE-ESCALANTE #3	9500	3/26/85	49	13.4	8.7	11.9
ENTERPRISE TO NEW HARMONY DRAINAGES						
LITTLE GRASSY CREEK	6100	3/26/85	0	.0	.0	2.8
LONG FLAT	8000	3/26/85	16	5.0	2.5	6.8
COAL CREEK						
CEDAR CITY GOLF COUR	5800	3/26/85	0	.0	.0	.2
MIDWAY VALLEY	9800	3/26/85	74	24.6	17.8	23.3
SUSC RANCH	8200	3/26/85	17	5.5	3.9	8.2
WEBSTER FLAT	9200	3/26/85	49	16.6	11.5	18.7
VIRGIN RIVER						
HARRIS FLAT	7700	3/26/85	23	9.2	1.7	8.7
KOLOB-CRYSTAL	9250	3/26/85	62	21.2	12.9	25.1
LONG VALLEY JCT.	7500	3/26/85	0	.0	.0	4.2
MIDWAY VALLEY	9800	3/26/85	74	24.6	17.8	23.3
WEBSTER FLAT	9200	3/26/85	49	16.6	11.5	18.7

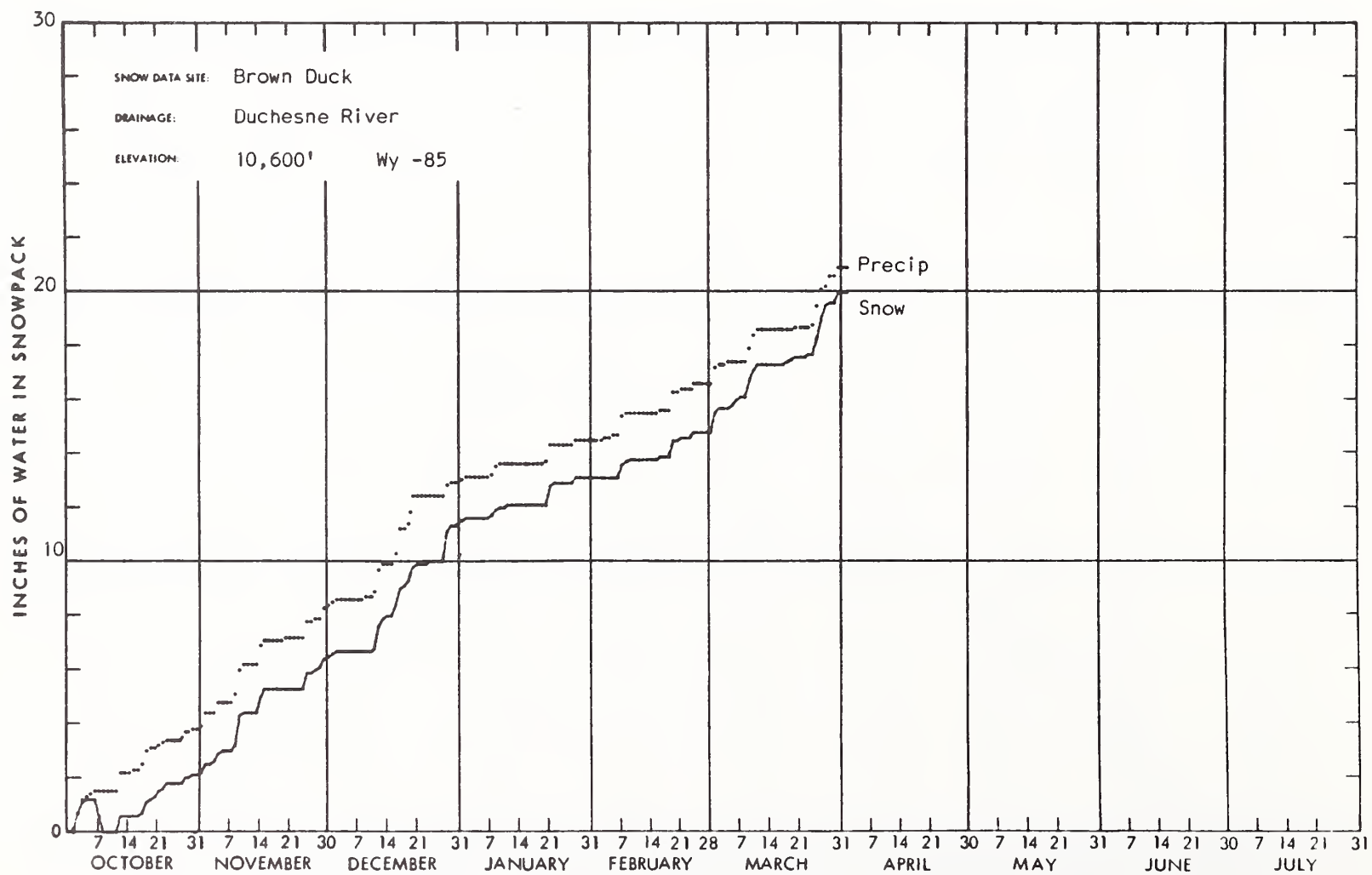
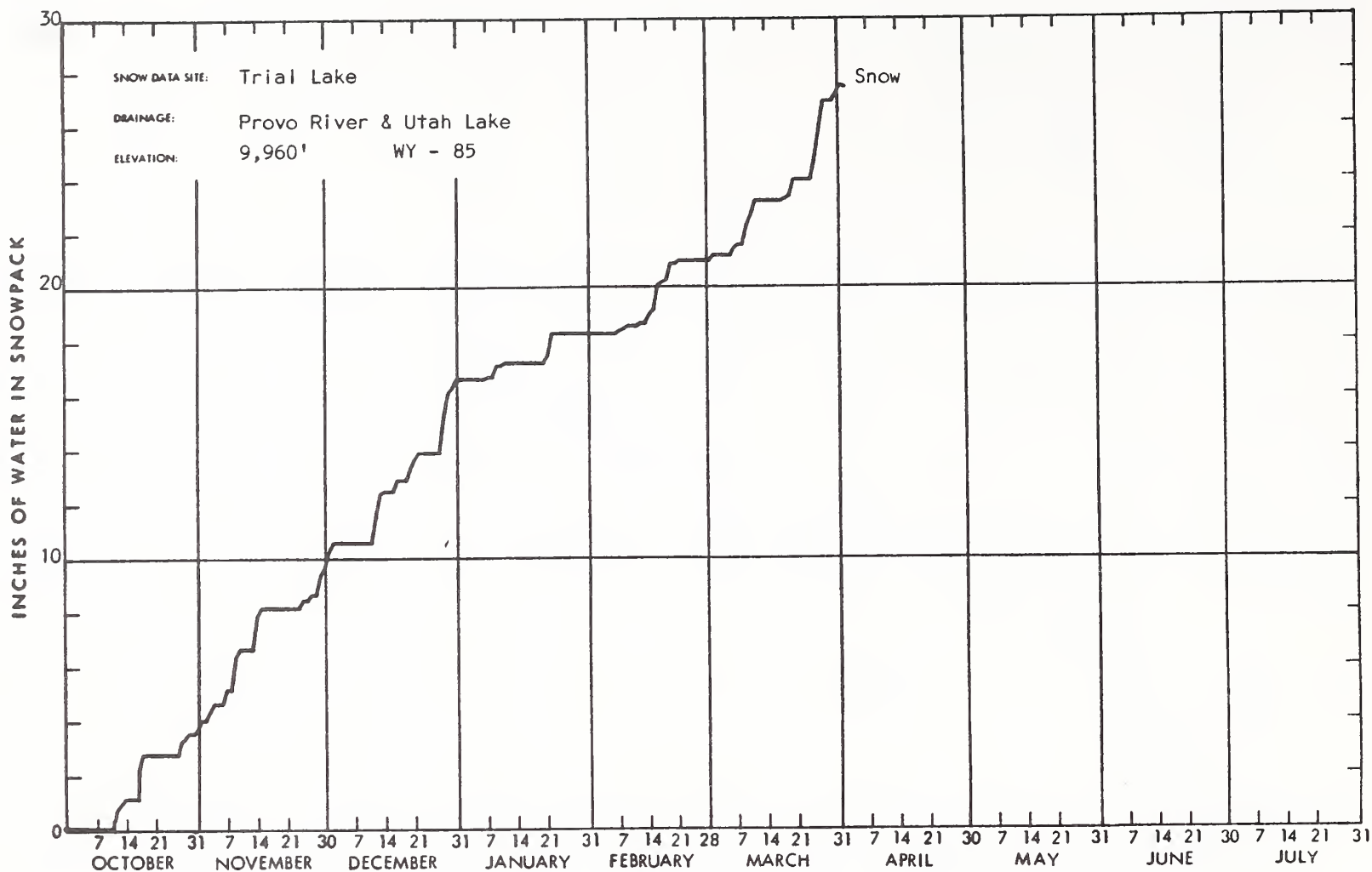
SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-80

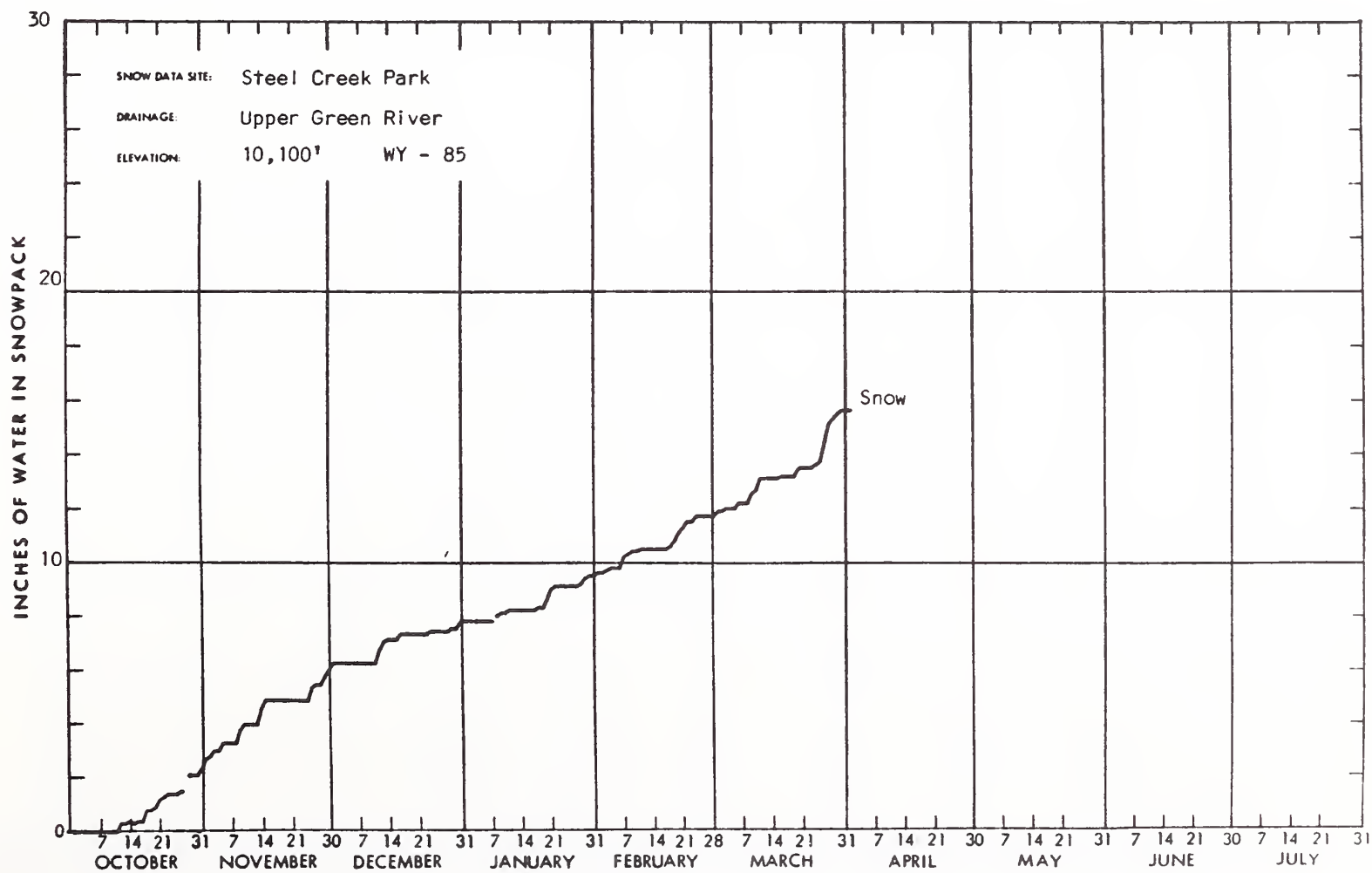
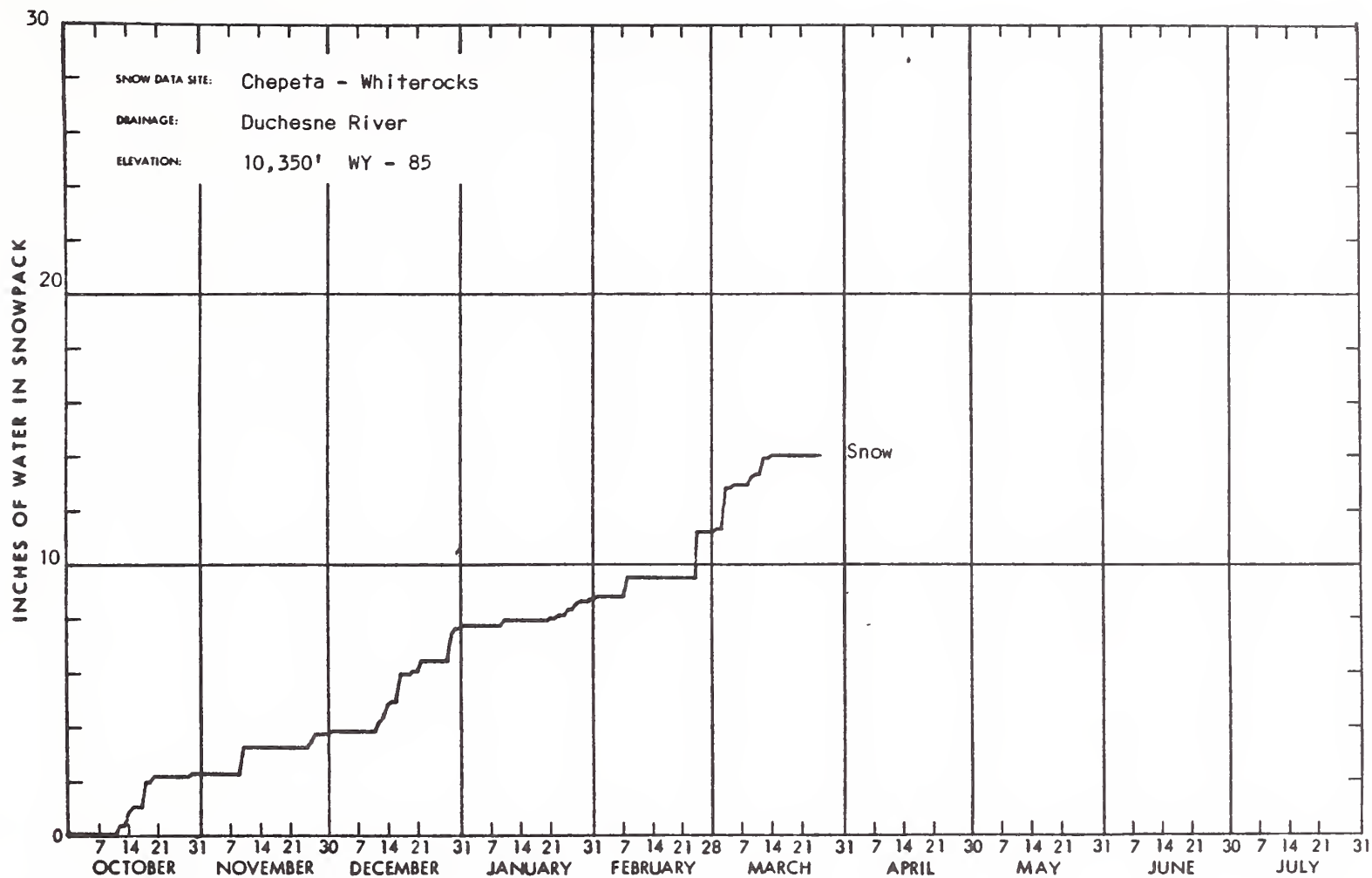
DUCHESTER RIVER						
ATWOOD LAKE	10500	4/01/85	49	11.8	11.5	11.2
BROWN DUCK RIDGE	10600	3/28/85	78	20.4	22.4	20.0
CHEPETA-WHITERKS. LK	10350	4/01/85	74	16.3	15.3	15.3
CURRENT CREEK	8000	3/28/85	40	10.0	11.1	9.2
DANIELS-STRAWBERRY	8000	3/25/85	45	15.3	17.7	14.9
EAST PORTAL	7560	3/28/85	48	15.3	15.0	11.8
FIVE POINT LAKE	11000	4/01/85	62	13.0	15.8	19.8
INDIAN CANYON	9100	3/29/85	51	14.1	11.4	13.2
JACKSON PARK	10600	3/28/85	60	14.6	13.9	12.8
LAKEFORK MOUNTAIN #1	10200	3/28/85	51	10.9	11.8	11.5
LAKEFORK MOUNTAIN #3	8400	3/28/85	27	6.9	7.1	5.9
MOSBY MOUNTAIN(LOW)	9500	3/28/85	44	10.6	11.4	9.9
PARADISE PARK	10100	3/28/85	57	15.3	14.4	13.3
ROCK CREEK	7900	3/28/85	34	10.3	7.6	6.4
STRAWBERRY DIVIDE	8400	3/25/85	58	20.4	25.1	19.5
PRICE RIVER						
DRY VALLEY DIVIDE AL	8100	3/29/85	42	12.1	15.2	10.8
MUD CREEK	8600	3/29/85	57	14.6	18.0	13.5
WHITE RIVER #1	8550	3/29/85	49	14.3	18.1	13.5
WHITE RIVER #3	7400	3/29/85	17	5.1	10.4	7.2
SAN RAFAEL RIVER						
BUCK FLAT	9800	3/29/85	59	17.3	28.3	16.9
HUNTINGTON-HORSESHOE	9800	3/30/85	78	27.2	41.3	24.4
ORANGE OLSEN	7200	3/29/85	10	2.4	6.1	2.4
RED PINE RIDGE	9200	3/29/85	57	16.6	27.2	17.5
SEELEY CREEK R.S.	10000	3/29/85	63	18.0	34.6	17.2
STUART R.S.	7950	3/29/85	27	8.0	13.1	7.8
UPPER JOES VALLEY	8900	3/29/85	38	9.7	17.1	10.5
WRIGLEY CREEK	9000	3/29/85	41	10.8	14.7	11.5
MUDDY RIVER						
BLACK'S FORK	9200	3/30/85	46	11.1	19.8	13.7
DILL'S CAMP	9200	3/30/85	43	9.8	17.3	12.5
FREMONT RIVER						
BLACK'S FLAT-U.M. CK	9400	3/30/85	44	11.2	17.4	11.0
DONKEY RESERVOIR	9800	3/26/85	34	8.8	7.4	7.8
FISH LAKE	8700	3/30/85	38	9.3	22.4	7.7
JOHNSON VALLEY	8850	3/30/85	37	8.8	14.4	7.0
LASAL MOUNTAINS						
LASAL MOUNTAIN LOWER	8800	3/27/85	26	5.9	13.2	9.9
LASAL MOUNTAIN (UPP)	9850	3/27/85	50	12.8	20.3	16.6
BLUE MOUNTAINS						
BUCKBOARD FLAT	9000	3/28/85	57	15.0	11.8	13.1
CAMP JACKSON	8600	3/28/85	50	11.7	9.8	12.8
MONTICELLO PARK	7050	3/28/85	9	2.0	.0	--
UPPER SEVIER RIVER (south of Richfield, Utah)						
BOX CREEK	9300	3/26/85	41	11.7	19.8	13.7
BRYCE CANYON	8000	3/27/85	13	3.9	1.0	4.0
CASTLE VALLEY	9580	3/26/85	45	13.8	14.7	12.9
DUCK CREEK R.S.	8700	3/26/85	46	13.7	6.5	14.3
HARRIS FLAT	7700	3/26/85	23	9.2	1.7	8.7
KIMBERLY MINE(UPPER)	9300	3/25/85	46	15.5	24.4	16.7
LONG VALLEY JCT.	7500	3/26/85	0	.0	.0	4.2
MIDWAY VALLEY	9800	3/26/85	74	24.6	17.8	23.3
PANQUITCH LAKE	8200	3/26/85	17	5.1	5.9	4.0
SQUAW SPRINGS	9300	3/26/85	22	6.0	8.2	7.4
WIDTSOE-ESCALANTE #3	9500	3/26/85	49	13.4	8.7	11.9

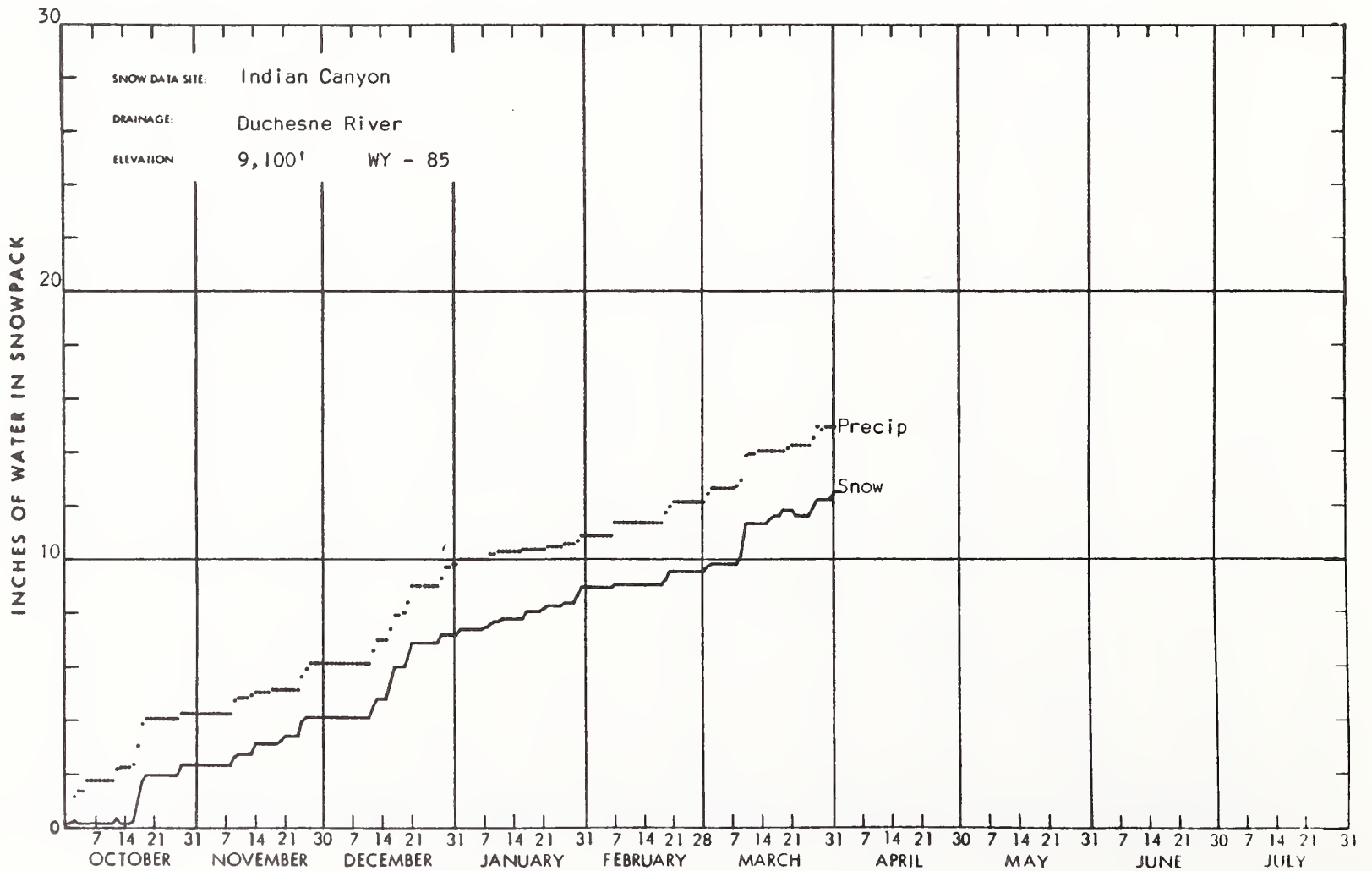
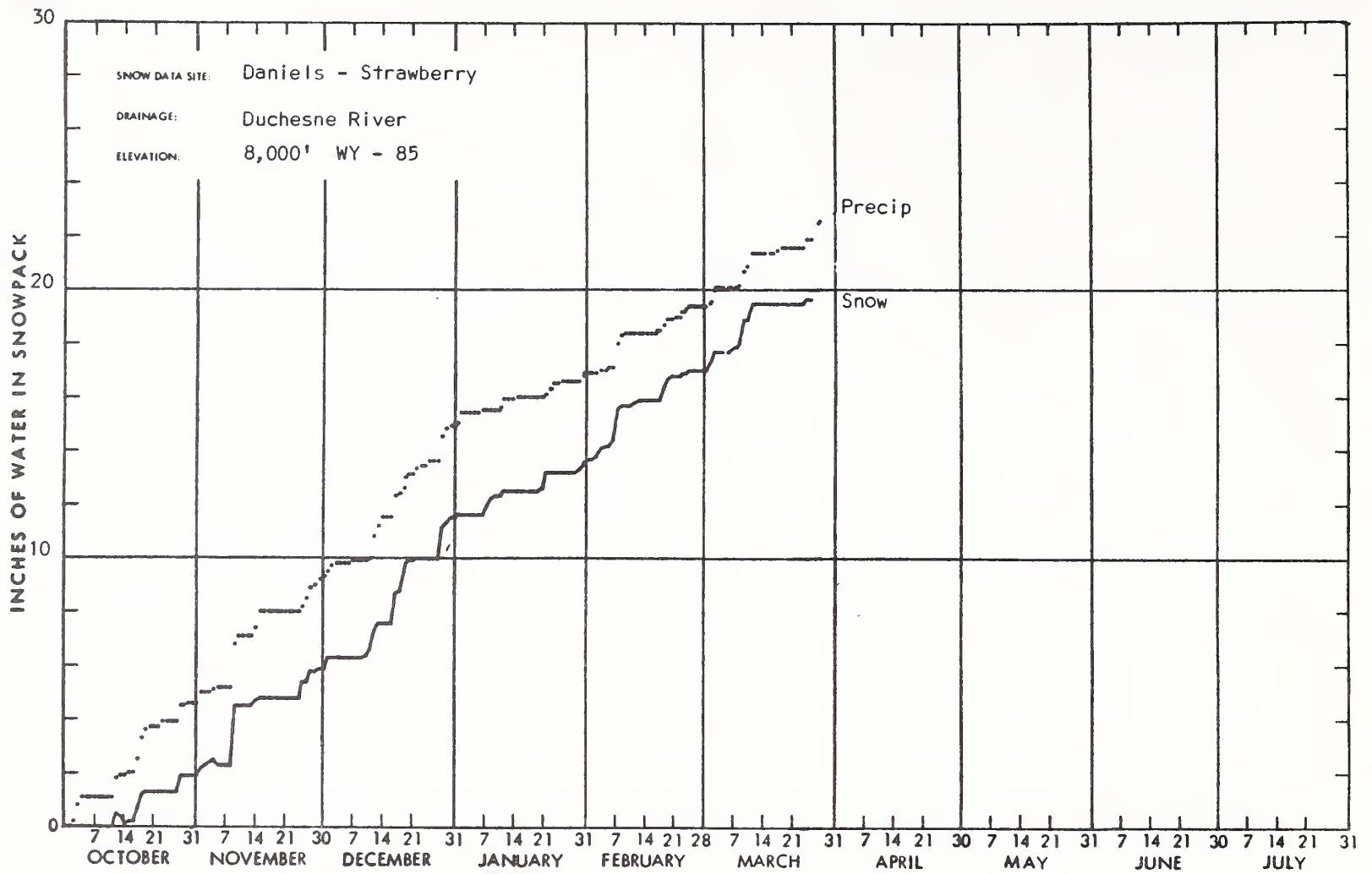


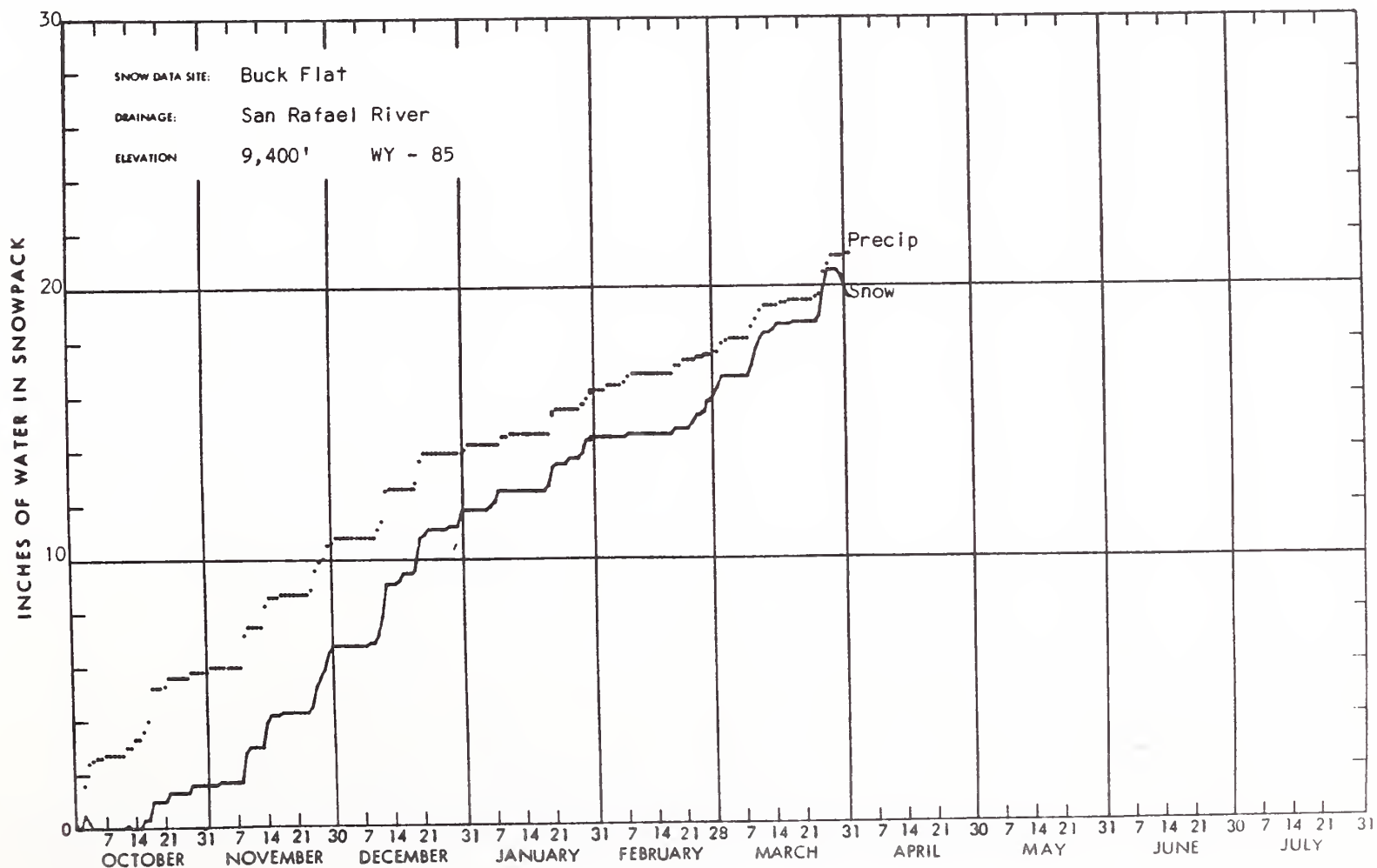
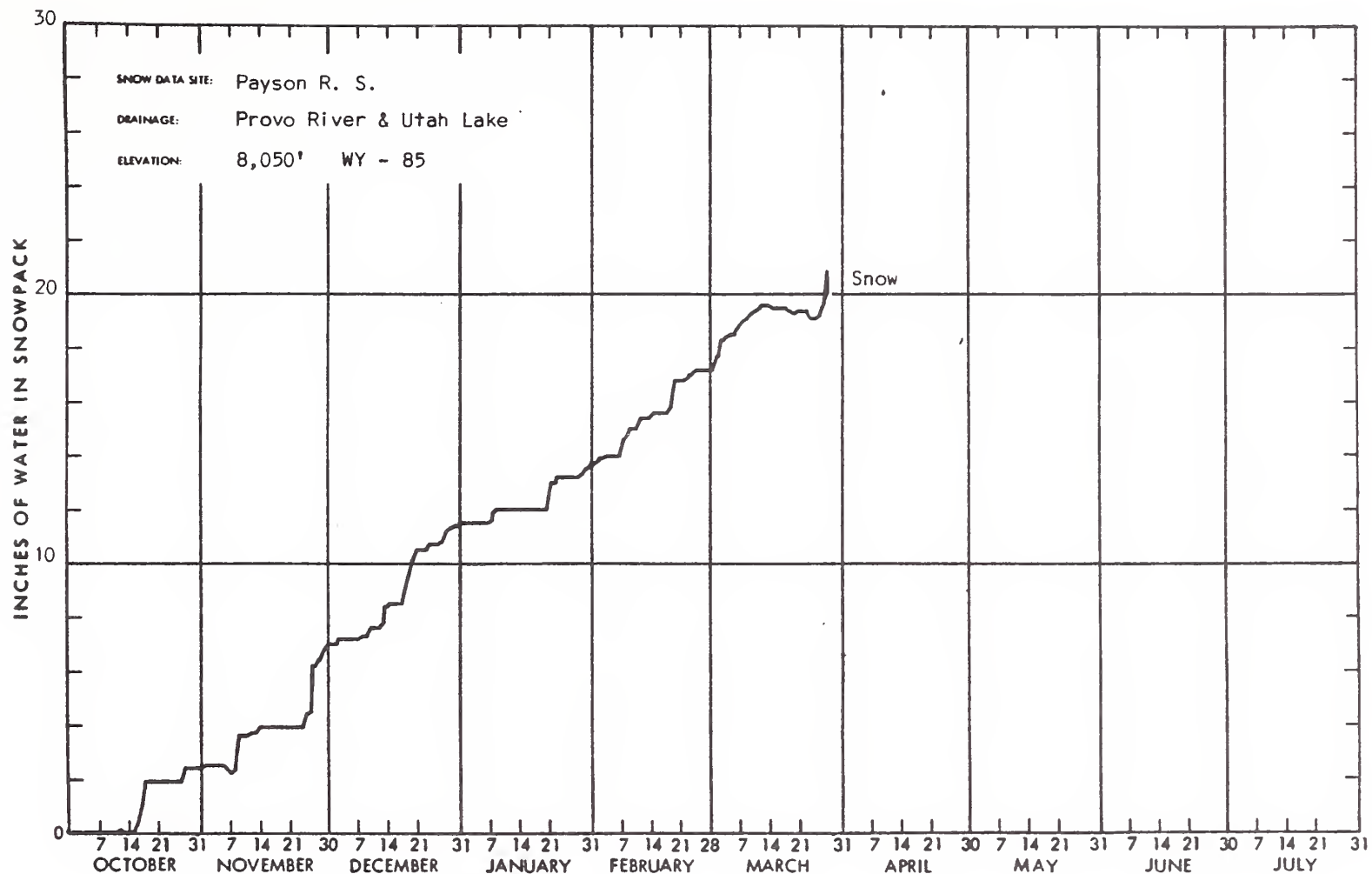


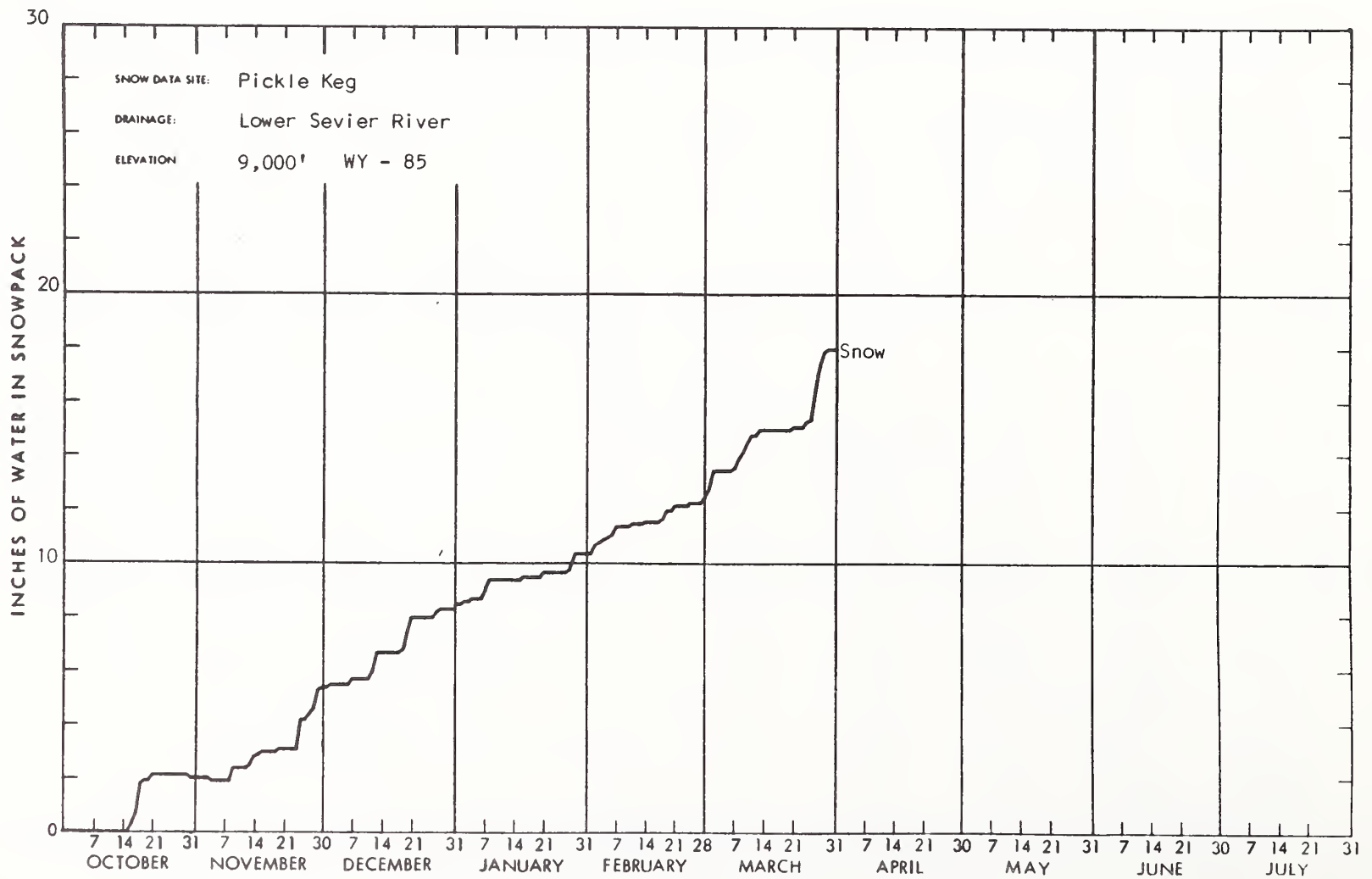
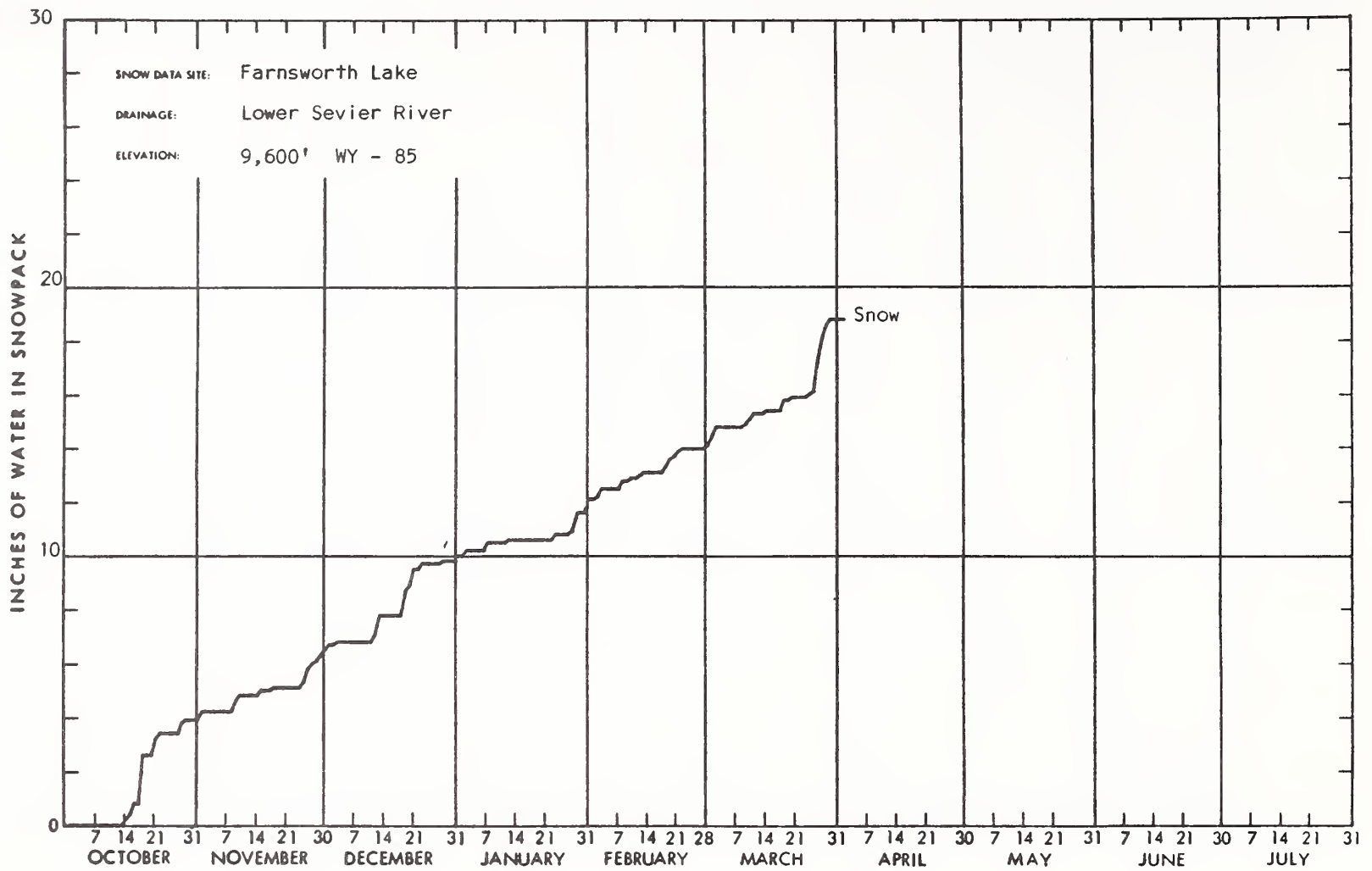


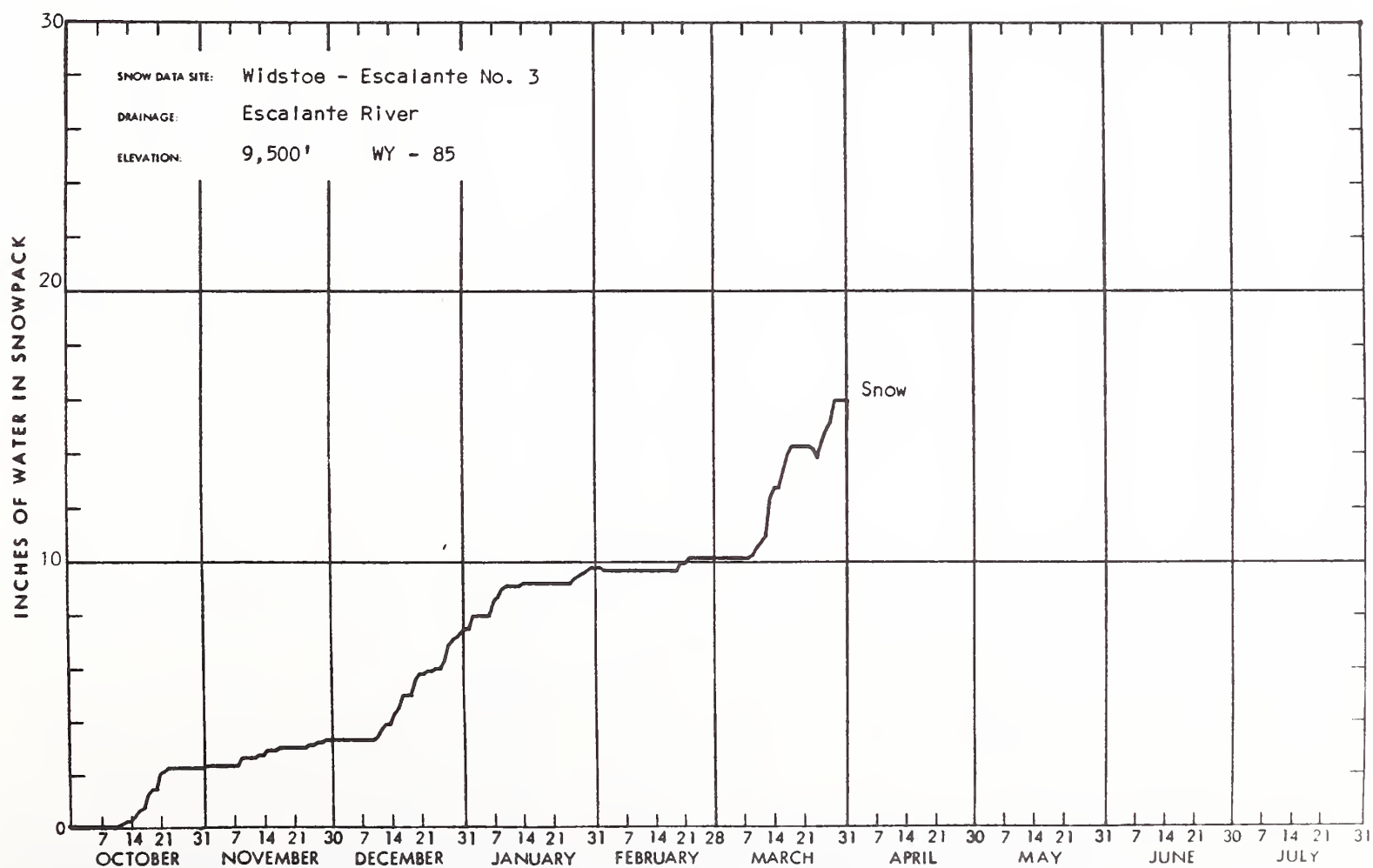
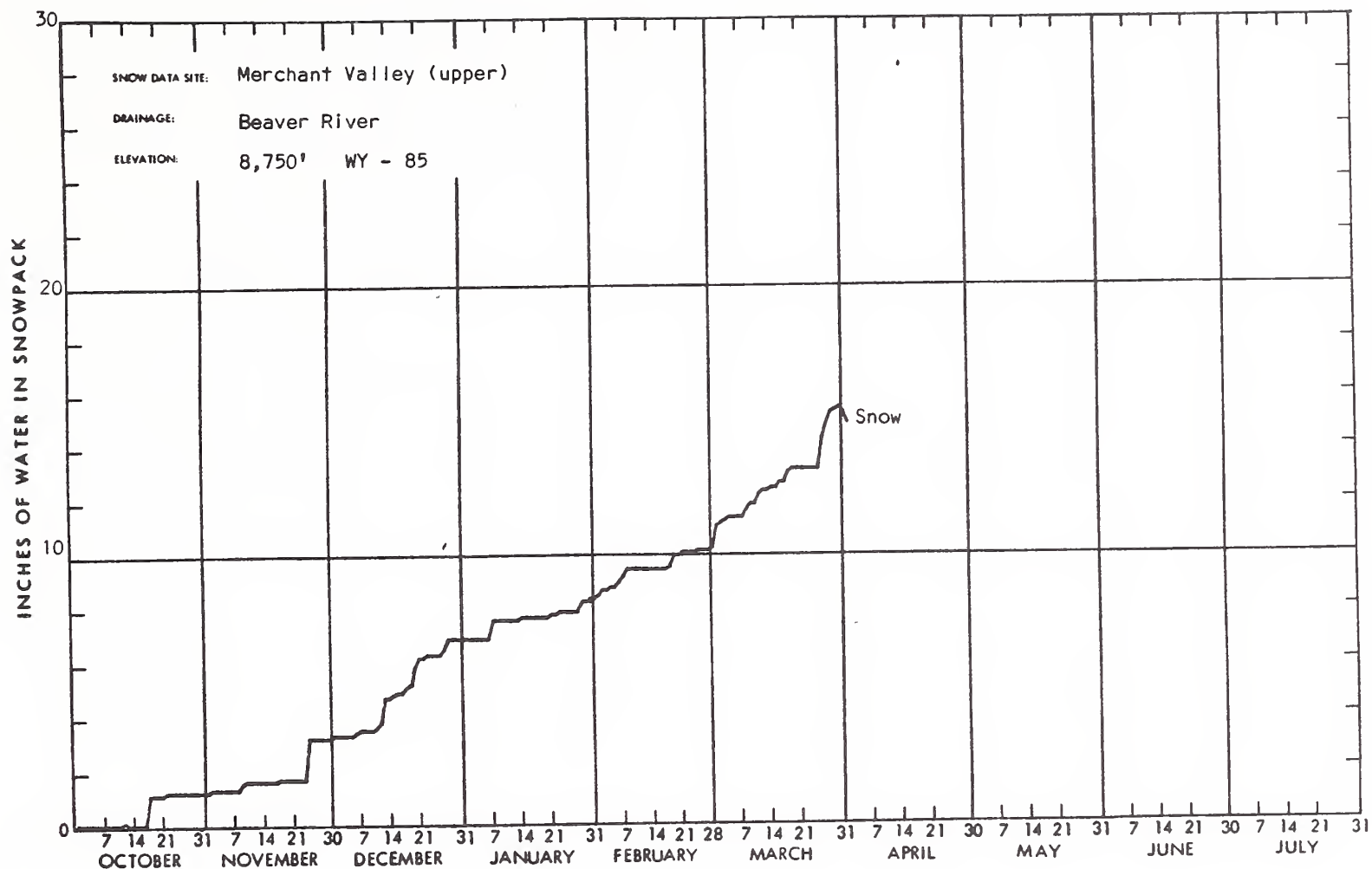


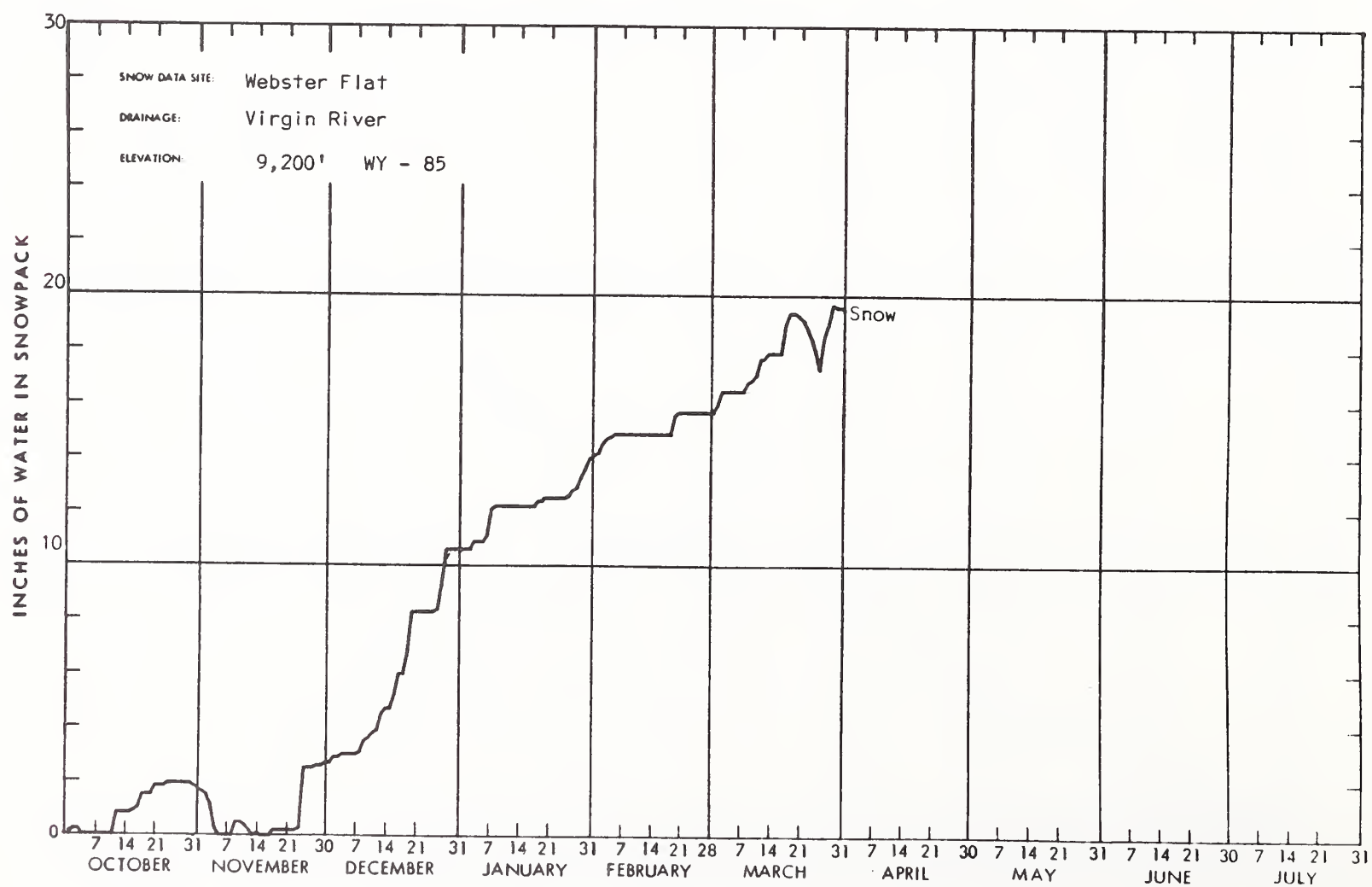
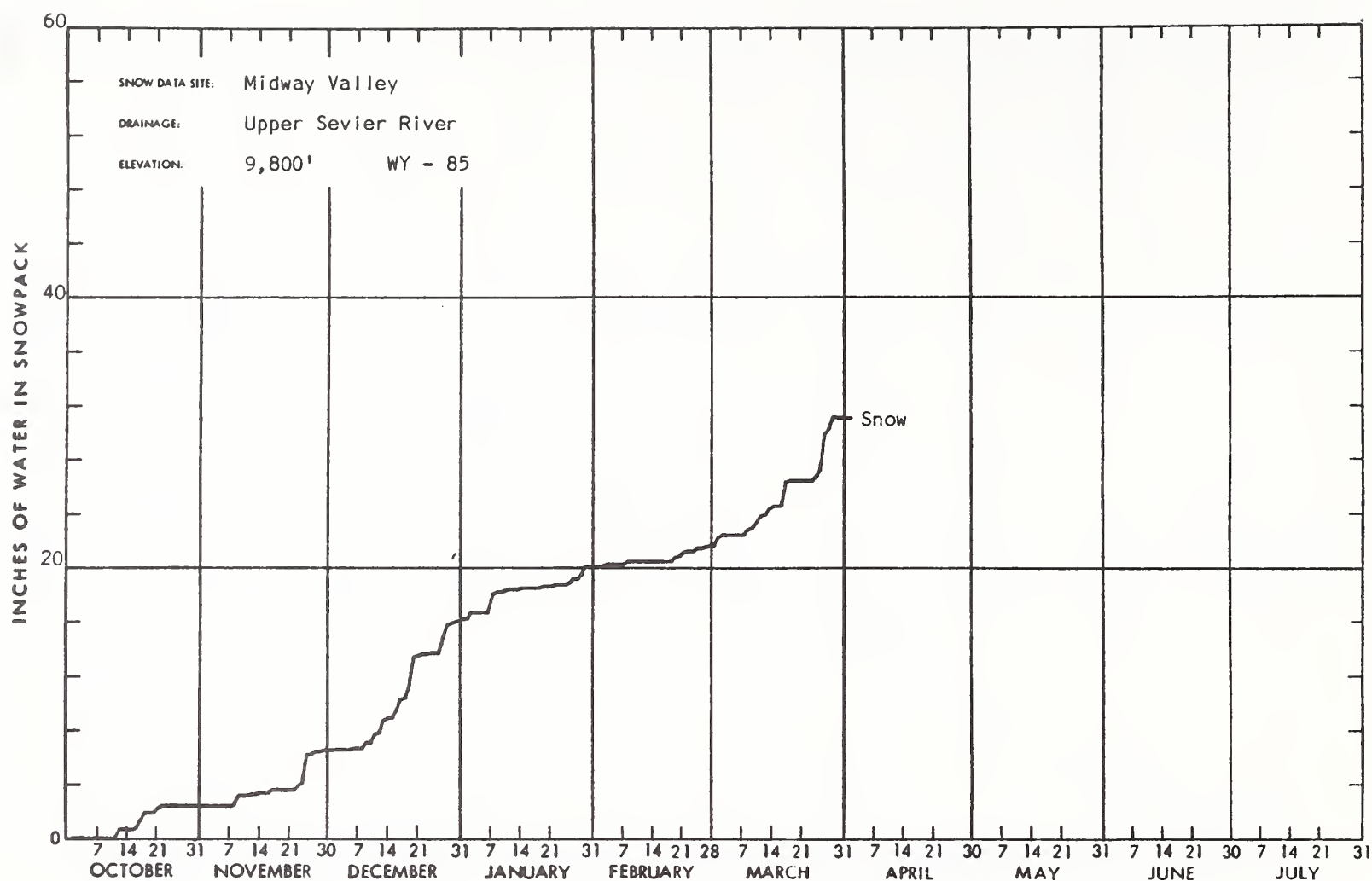


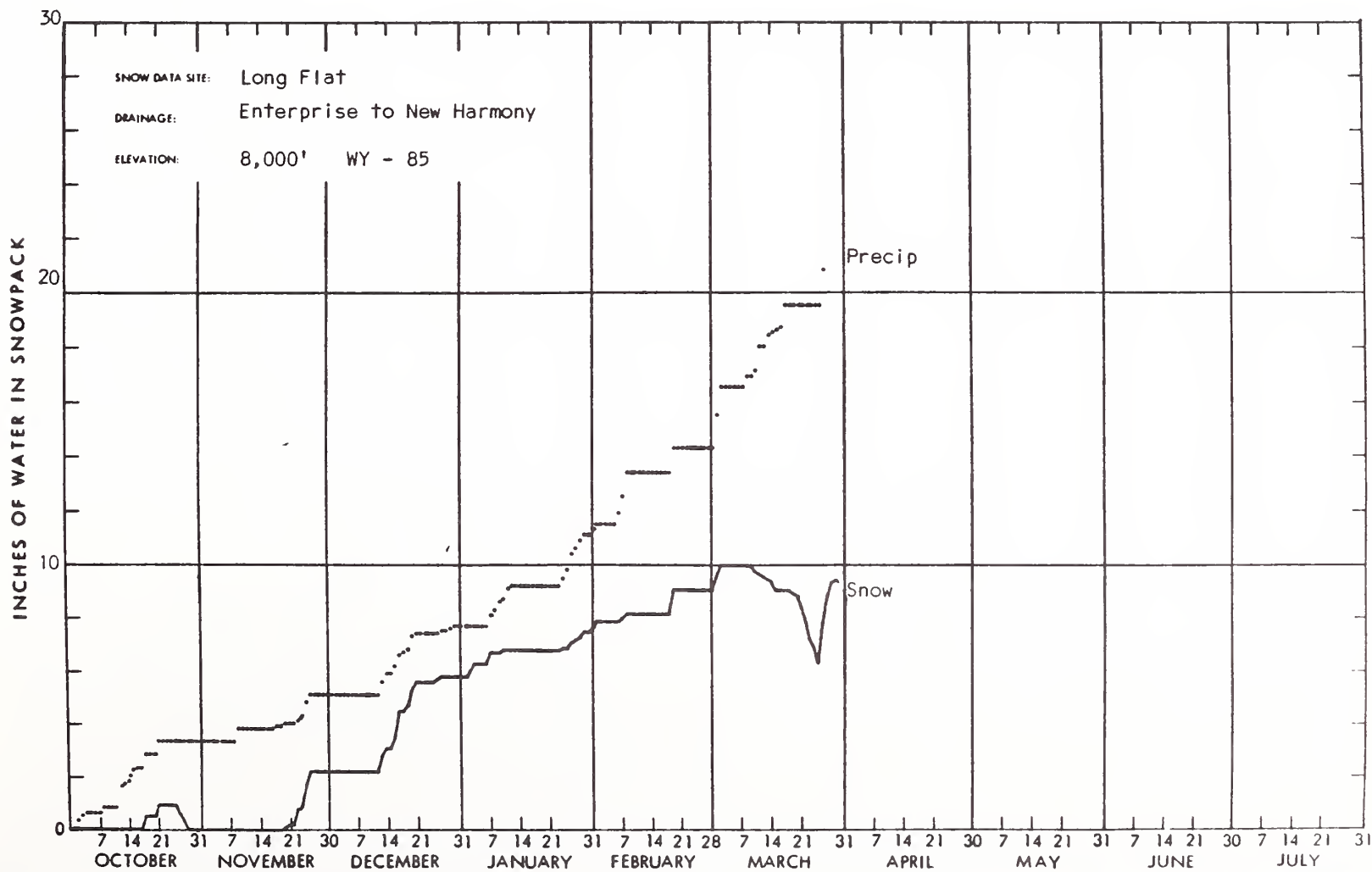
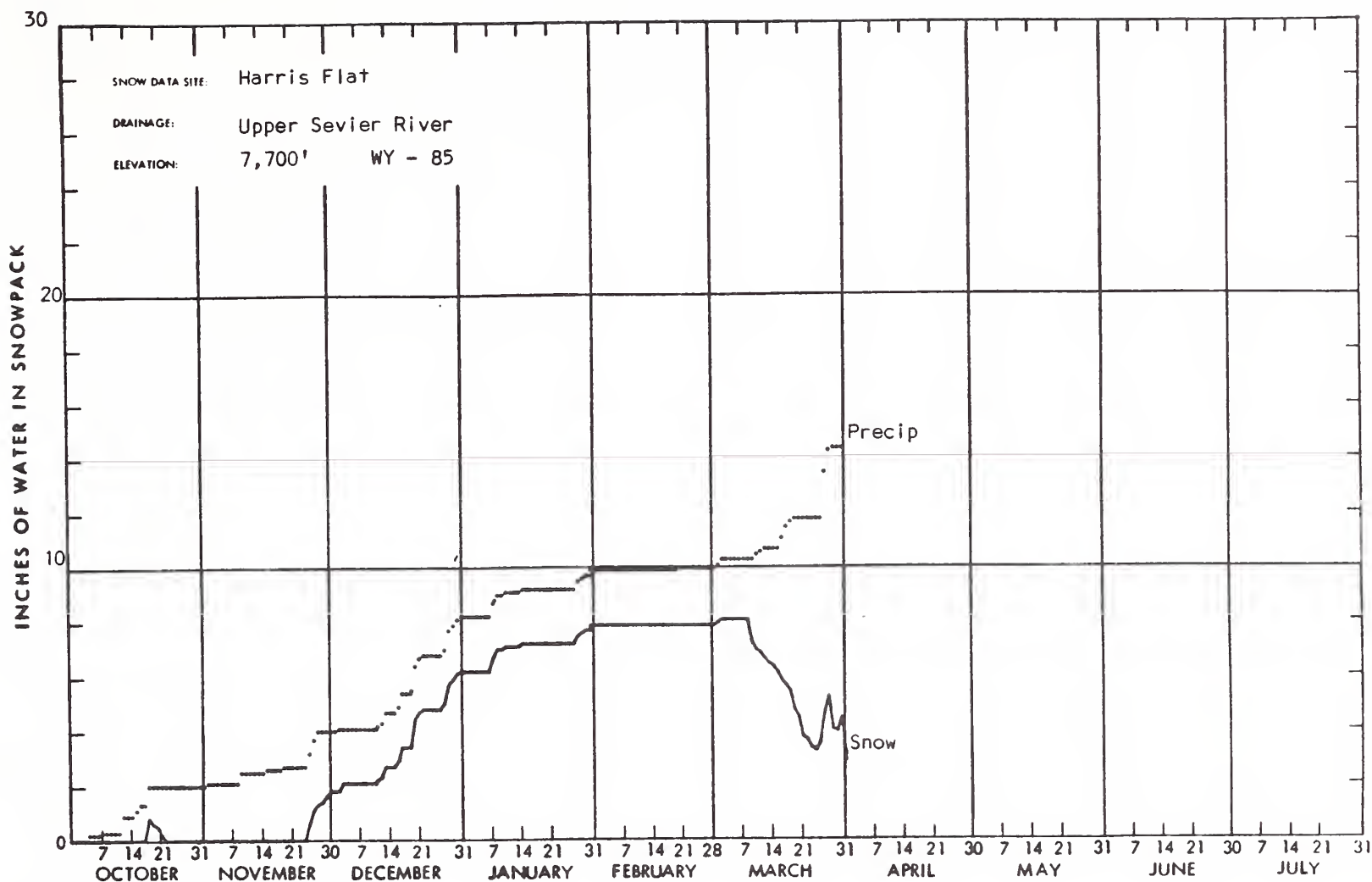




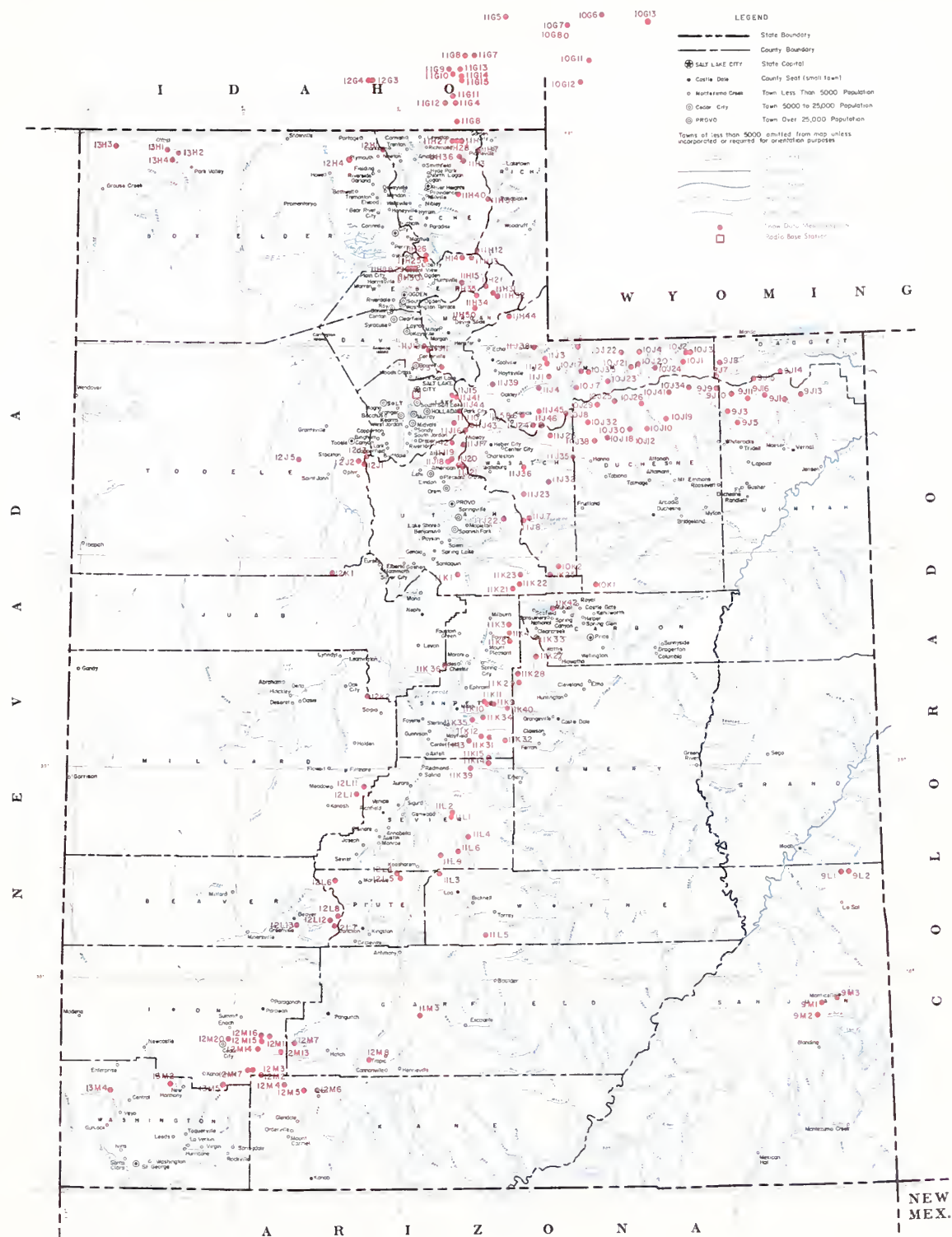








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USGS National Atlas 1:100,000 Albers
Equal-area projection (PS) used as source
for base map and adopted for SCS use

GREAT BASIN DRAINAGE

LEGEND

Numbering System (ex.ample)

10J7	Snow Course Only.
10J7P	Snow Course and Precipitation Gage.
10J7M	Snow Course and Soil Moisture Station.
10J7A	Snow Course and Aerial Marker.
10J7MA	Snow Course, Soil Moisture Station and Aerial Marker Only.
10J7T	Snow Course, Soil Moisture Station and Aerial Storage Precipitation Gage Only.
10J7PST	Snow Course, Precipitation Gage, Snow Plot and Soil Data Site.

UPPER GREEN RIVER IN UTAH (above Duchesne River)

Agencies Cooperating in Utah Snow Surveys

U. S. GOVERNMENT AGENCIES

- U. S. Department of Agriculture
 - Soil Conservation Service
 - Forest Service
- U. S. Department of Commerce
 - NOAA, National Weather Service
- U. S. Department of Interior
 - Bureau of Reclamation
 - Geological Survey
 - National Park Service

STATE AGENCIES

- Utah State University
- Utah State Department of Natural Resources
 - Division of Wildlife Resources
 - Division of Water Resources
 - Division of Water Rights
 - Bear River Commissioner
 - Price River Commissioner
 - Provo River Commissioner
 - Sevier River Commissioners
 - Spanish Fork River Commissioner
 - Utah Lake and Jordan River Commissioner

MUNICIPALITIES

- Manti
- Salt Lake City

ORGANIZED PUBLIC AGENCIES

- Beaver River Water Users Association
- Board of Canal Presidents - Jordan River
- Central Utah Conservancy District
- Emery Canal and Reservoir Company
- Moon Lake Water Users Association
- Ogden River Water Users Association
- Provo River Water Users Association
- Strawberry Water Users Association
- Sevier River Water Users Association
- Weber River Water Users Association
- Weber Basin Conservancy District

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with the Snow Survey"*

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